

# CALENDAR

OF THE

# UNIVERSITY OF ADELAIDE

FOR THE YEAR

# 1906.

ADELAIDE :

W. K. THOMAS & Co., PRINTERS, GRENFELL STREET,

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1906.

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## NOTICE.

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The undermentioned are published in separate volumes :—

1. Regulations, Details of Subjects, Examination Papers, and Examiners' Reports of the Public Examinations in General Education.
2. Regulations, Details of Subjects, and Examination Papers of the Public Examinations in Music.
3. Regulations and Details of Subjects of the B.A. and B.Sc. Degrees, and of the Diploma Courses in Applied Science.
4. Degree Examination Papers for 1905.



**ADELAIDE UNIVERSITY CALENDAR**  
**FOR THE YEAR 1906.**

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**PART I.**

PREFACE.

ALMANAC FOR 1906.

VISITOR, OFFICERS, AND MEMBERS OF THE UNIVERSITY.

STUDENTS.

COMMITTEES, FACULTIES, AND BOARDS.

ENDOWMENTS AND DONATIONS.

STATUTES, REGULATIONS, SCHEDULES, AND RULES.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

## PREFACE.

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THE UNIVERSITY OF ADELAIDE was established by Act of Parliament in the year 1874, and in the year 1881 Royal Letters Patent were issued by Her Majesty Queen Victoria declaring that the degrees granted by it should be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration throughout the British Empire as if granted by any University in the United Kingdom.

The University owes its origin to the munificence and public spirit of the late Sir Walter Watson Hughes and Sir Thomas Elder, G. C. M. G., from each of whom a gift of £20,000 was received for this purpose. Further endowments were granted by Parliament, provision being made in the Act of Incorporation ("The Adelaide University Act, 1874") for an annual grant from the public revenues of a sum equal to five per cent. on the capital funds then or afterwards to be possessed by the University, but not exceeding in any one year the sum of £10,000. Under the authority of the same Act an endowment in land of 50,000 acres and a grant of five acres in the City of Adelaide as a site for the University buildings were provided for.

The University grants degrees in Arts, Science, Law, Medicine, and Music, and Diplomas in Music and in various branches of Applied Science.

It was the first University in Australia to provide for the granting of degrees to women, as authorised by Act of Parliament in 1880, and for the granting of Degrees in Science.

At first the Professorships founded in the University were four in number, their subjects being the following: (1) Classics and Comparative Philology and Literature, (2) English Language and Literature, Mental and Moral Philosophy, (3) Mathematics, and (4) Natural Science. The first and second were established in accordance with the terms of Sir Walter Watson Hughes' donation, and bear his name; the third and fourth bear in the same way the name of Sir Thomas Elder.

The academical work of the University was commenced in March, 1876, the number of matriculated students being 8, and of

non-graduating students attending lectures 52. The foundation stone of the University buildings was laid by his Excellency Major-General Sir W. F. D. Jervois on July 30th, 1879, and the buildings were opened by him in April, 1882. Their total cost, including that of subsequent additions, was about £38,000.

In 1883 Sir Thomas Elder made to the University a second gift, amounting to £10,000, for the foundation of a School of Medicine. The University Council thereupon established a Chair of Anatomy and a Lectureship in Physiology, and made further provision for the first two years of the medical course. In 1886 arrangements were completed for a complete medical curriculum. In 1884 the Hon. J. H. Angas, M.L.C., gave £6,000 for the endowment of a Chair of Chemistry, and in the following year the first Angas Professor of Chemistry was appointed. The Chair of Music was established in 1884 and a Professor of Music appointed. This chair had no special endowment, but through the efforts of His Excellency Sir W. C. F. Robinson, was supported for the first five years by voluntary subscriptions from the public amounting to £530 per annum, of which sum Sir Thomas Elder contributed £300 yearly. In 1890 the Council established a Professorship of Law in place of the Lectureship in Law which had existed since 1883.

In 1878 the Hon. J. H. Angas gave £4,000 to provide for Scholarships to encourage the training of scientific men, and especially civil engineers, with a view to their settlement in South Australia.

Since 1892 Robert Barr Smith, Esquire, presented to the University £7,000 for the purposes of the Library. The Library now, in consequence of the large additions rendered possible by these gifts, contains about 19,000 volumes.

Sir Thomas Elder died in 1897, bequeathing to the University the sum of £65,000, his total gifts to the Institution amounting from first to last to nearly £100,000. By the terms of his will the bequest was apportioned in the following manner, namely, £20,000 to the School of Medicine and £20,000 to the School of Music, while the residue was left available for the general purposes of the University. An Elder Conservatorium of Music was accordingly established in 1898, in which instruction is given in all branches of musical education.

The foundation-stone of the Conservatorium building was laid by His Excellency Sir Thomas Fowell Buxton on September 26th, 1898. The Conservatorium Building, which contains a large public hall and an admirable suite of class-rooms for instruction in music was completed in February, 1900, and formally declared open by His Excellency Lord Tennyson on the 26th September of that year.

In consequence of the large increase in the number of students and the necessity for increased accommodation for the Engineering and Science Schools, a large suite of rooms was built during the year 1901. The foundation-stone of the new building was laid by His Royal Highness the Duke of Cornwall and York on the 11th July, 1901. With his consent the new wing is called the Prince of Wales Buildings. It contains extensive Chemical and Engineering Laboratories and a Lecture Theatre, with seating accommodation for 300 students.

For several years the equipment and accommodation of the Medical Laboratories were very severely taxed. In order to provide adequate provision for the increasing number of medical students, new buildings at a cost of £5,814 were erected. His Excellency Lord Tennyson laid the foundation-stone on the 14th July, 1902, and the buildings were completed in time for the beginning of the academical year 1903.

In 1898 the Council was enabled, by means of Sir Thomas Elder's bequest, to make arrangements for a post-graduate course in Mining Engineering and Metallurgy, and for the granting of a Diploma in these subjects. These Regulations have, however, been repealed, as in March, 1903, the Council of the University concluded an agreement with the Council of the South Australian School of Mines and Industries, under which the two Institutions shall in future combine, to some extent, their teaching powers and their laboratories for the purpose of providing courses of instruction in Mining Engineering, Metallurgy, Mechanical Engineering, and Electrical Engineering. The University and the School of Mines, acting in concert, hold examinations and grant Diplomas in various branches of Applied Science. It is expected that this agreement will conduce to greater efficiency as well as to economy, and that the courses for the Diploma in Applied Science will rank with those of the best Institutions in other parts of the Empire.

In addition, the Council was enabled to offer greater facilities for the education of teachers of the State Schools, and the bonds between the University and the Education Department have been drawn closer by the fact that the Training College for Public School Teachers has practically been transferred to the University, which now provides for students in training, without fee, lectures in all but the professional, or practical, subjects of their work.

The University is governed by a Council of twenty members, elected by the Senate. The Senate consists of all graduates of the degree of Master or Doctor and of all other graduates of three years' standing. All Statutes and Regulations must be passed both by the Council and by the Senate and approved by the Governor. The Senate was constituted in 1877, there being at that date at least 50 qualified graduates, the minimum number required by the Act of Incorporation.

The number of graduates admitted by examination since the establishment of the University is 360. The number of undergraduates in the year 1905 was 356, and of non-graduating students 229, exclusive of those studying at the Elder Conservatorium, of whom in 1905 there were 340. The teaching staff of the University comprises 9 Professors and 21 Lecturers, and that of the Elder Conservatorium 10 Teachers.

Facilities for University Examinations have been extended to the country, and local centres with permanent Committees have been formed for the Primary Public Examination and Examinations in Music at Broken Hill, and for the Primary, Junior Public, Senior Public, Higher Public, and Music Examinations at Mount Gambier, Narracoorte, Port Pirie, Clare, Jamestown, Talia, Koolunga, Laura, Moonta, and Yorketown, and at Albany and Perth in Western Australia. In the interests of education Extension Lectures are also given in country centres, as well as at the University.

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## JANUARY XXXI.

1906.

1	M	New Year's Day. Public Holiday. Commonwealth inaugurated, 1901.
2	TU	
3	W	
4	TH	
5	F	
6	S	
7	S	Education Committee meet.
8	M	
9	TU	
10	W	
11	TH	
12	F	
13	S	
14	S	
15	M	
16	TU	
17	W	
18	TH	
19	F	
20	S	
21	S	Public Holiday (Accession of King Edward VII.).
22	M	
23	TU	
24	W	
25	TH	
26	F	
27	S	Finance Committee meet. Council Meeting.
28	S	
29	M	
30	TU	
31	W	

1906.		FEBRUARY XXVIII.
1	TH	
2	F	
3	S	
4	S	
5	M	
6	TU	
7	W	
8	TH	
9	F	Education Committee meet.
10	S	
11	S	
12	M	Last day of entry for LL.B., Supplementary Degree, and Senior Public Examinations to be held in March.
13	TU	
14	W	
15	TH	
16	F	
17	S	
18	S	
19	M	
20	TU	
21	W	
22	TH	Finance Committee meet.
23	F	Council Meeting.
24	S	
25	S	
26	M	
27	TU	
28	W	

## MARCH XXXI.

1906.

1	TH	
2	F	
3	S	
4	S	
5	M	
6	TU	Conservatorium re-opens.
7	W	Last day of application for Evening Scholarships.
8	TH	
9	F	Education Committee meet.
10	S	
11	S	
12	M	Long vacation ends. Last day of entry for the Angas Engineering Scholarship examination.
13	TU	First Term begins. LL.B., Supplementary Degree, and Senior Public Examinations begin.
14	W	
15	TH	
16	F	
17	S	Senate. Last day for sending to Clerk notices of motion for meeting of Senate on March 28th.
18	S	
19	M	Lectures begin.
20	TU	
21	W	
22	TH	
23	F	
24	S	
25	S	
26	M	
27	TU	
28	W	Senate meeting.
29	TH	Finance Committee meet.
30	F	Council meeting.
31	S	



1906.		APRIL XXX.
1	<b>S</b>	Last day for sending in compositions for the Mus. Doc. Degree.
2	<b>M</b>	
3	<b>T<sub>U</sub></b>	
4	<b>W</b>	
5	<b>Th</b>	
6	<b>F</b>	
7	<b>S</b>	
8	<b>S</b>	Education Committee meet. Good Friday. Easter recess begins.
9	<b>M</b>	
10	<b>T<sub>U</sub></b>	
11	<b>W</b>	
12	<b>Th</b>	
13	<b>F</b>	
14	<b>S</b>	
15	<b>S</b>	Easter Monday. Conservatorium Half Term begins. Easter recess ends. Lectures resumed.
16	<b>M</b>	
17	<b>T<sub>U</sub></b>	
18	<b>W</b>	
19	<b>Th</b>	
20	<b>F</b>	
21	<b>S</b>	
22	<b>S</b>	Finance Committee meet. Council Meeting.
23	<b>M</b>	
24	<b>T<sub>U</sub></b>	
25	<b>W</b>	
26	<b>Th</b>	
27	<b>F</b>	
28	<b>S</b>	
29	<b>S</b>	
30	<b>M</b>	

MAY XXXI.

1906.

1	TU	Last day of entry for Primary Examination in Theory of Music.
2	W	
3	TH	
4	F	
5	S	
6	S	
7	M	Education Committee meet.
8	TU	
9	W	
10	TH	
11	F	
12	S	
13	S	
14	M	
15	TU	
16	W	
17	TH	
18	F	
19	S	
20	S	Finance Committee meet. First Term and Lectures end. Council Meeting. Conservatorium First Term ends. Vacation begins.
21	M	
22	TU	
23	W	
24	TH	
25	F	
26	S	
27	S	
28	M	
29	TU	
30	W	
31	TH	

1906.		JUNE XXX.	
1	F	Primary Examination in Theory of Music.	
2	S		
3	S	Prince of Wales born, 1865. Public Holiday (Prince of Wales' Birthday).	
4	M		
5	TU		
6	W		
7	TH		
8	F		Education Committee meet.
9	S		
10	S	Second Term begins. Lectures resumed. Conservatorium re-opens. Examination for the Angas Engineering Scholarship begins.	
11	M		
12	TU		
13	W		
14	TH		
15	F		
16	S		
17	S		
18	M		
19	TU		
20	W		
21	TH		
22	F		
23	S		
24	S		Finance Committee meet. Council Meeting. Last day for sending in compositions for the Mus. Bac. Degree.
25	M		
26	TU		
27	W		
28	TH		
29	F		
30	S		

JULY XXXI.

1906.

1	<b>S</b>	Last day of entry for the M.D. Examination in November.
2	<b>M</b>	
3	<b>TU</b>	
4	<b>W</b>	
5	<b>TH</b>	
6	<b>F</b>	
7	<b>S</b>	
8	<b>S</b>	Education Committee meet. Senate. Last day for sending to Clerk of Senate notices of motion for meeting of Senate on July 25th.
9	<b>M</b>	
10	<b>TU</b>	
11	<b>W</b>	
12	<b>TH</b>	
13	<b>F</b>	
14	<b>S</b>	
15		Conservatorium Half Term begins.
16	<b>M</b>	
17	<b>TU</b>	
18	<b>W</b>	
19	<b>TH</b>	
20	<b>F</b>	
21	<b>S</b>	
22	<b>S</b>	Last day of entry for the Primary Public Examination. Senate meeting. Finance Committee meet. Council Meeting.
23	<b>M</b>	
24	<b>TU</b>	
25	<b>W</b>	
26	<b>TH</b>	
27	<b>F</b>	
28	<b>S</b>	
29	<b>S</b>	
30	<b>M</b>	
31	<b>TU</b>	

1906.		AUGUST XXXI.
1	W	
2	TH	
3	F	
4	S	
5	S	
6	M	
7	TU	
8	W	
9	TH	
10	F	Education Committee meet.
11	S	
12	S	
13	M	Examination for the degree of Doctor of Music begins.
14	TU	
15	W	
16	TH	
17	F	Second Term and Lectures end.
18	S	Conservatorium Term ends. Vacation begins.
19	S	
20	M	
21	TU	Primary Public Examination begins.
22	W	
23	TH	
24	F	
25	S	
26	S	
27	M	
28	TU	
29	W	
30	TH	Finance Committee meet.
31	F	Council Meeting.

SEPTEMBER XXX.

1906.

1	S	Public Holiday. Eight Hours Day.
2	<b>S</b>	Third Term begins. Lectures resumed. Conservatorium re-opens.
3	<b>M</b>	
4	TU	
5	W	
6	TH	
7	F	
8	S	
9	<b>S</b>	
10	<b>M</b>	
11	TU	
12	W	
13	TH	
14	F	
15	S	
16	<b>S</b>	
17	<b>M</b>	
18	TU	
19	W	
20	TH	
21	F	
22	S	
23	<b>S</b>	Finance Committee meet. Council Meeting. Last day for sending in Thesis for the M.A. or D.Sc. Degree.
24	<b>M</b>	
25	TU	
26	W	
27	TH	
28	F	
29	S	
30	<b>S</b>	

1906.		OCTOBER XXXI.
1	M	Last day of entry for the Junior, Senior, Higher Public and Junior Commercial Examinations.
2	Tu	Last day of entry for the Junior and Senior Public Examinations in Theory and for the Examinations in Practice of Music.
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	
9	Tu	
10	W	
11	Th	
12	F	Education Committee meet.
13	S	
14	S	Last day of entry for the M.A., D.Sc., LL.B., M.B., B.A., B.Sc., Mus. Bac., Diploma in Applied Science, Diploma of Associate in Music, and Advanced Commercial Certificate Examinations, to be held in November.
15	M	
16	Tu	Last day of entry for the Angas Engineering Exhibition Examination.
17	W	
18	Th	
19	F	
20	S	
21	S	Conservatorium Half Term begins.
22	M	
23	Tu	Finance Committee meet. Lectures end. Council Meeting.
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	Tu	
31	W	

## NOVEMBER XXX.

1906.

1	TH	Junior and Senior Public Examinations in Theory of Music.
2	F	
3	S	
4	S	Public Examinations in Practice of Music begin (if possible).
5	M	
6	TU	Degree and Diploma Examinations begin. Education Committee meet. King Edward VII. born, 1841.
7	W	
8	TH	
9	F	
10	S	
11	S	Public Holiday. (King Edward's Birthday.)
12	M	
13	TU	Angas Engineering Exhibition, Junior, and Higher Public Examinations begin.
14	W	
15	TH	
16	F	
		Last day for sending to Clerk of Senate nominations of candidates for annual vacancies in the Council, for the offices of Warden and Clerk, and for Notices of Motion for Senate Meeting on November 28th.
17	S	
18	S	
19	M	
20	TU	
21	W	
22	TH	
23	F	
24	S	
25	S	Senior Public and Junior Commercial Examinations begin.
26	M	
27	TU	Senate meeting. Election of Warden and Clerk and members of Council.
28	W	
29	TH	Finance Committee meet.
30	F	Council Meeting.



1906.		DECEMBER XXXI.
1	S	
2	S	
3	M	
4	TU	
5	W	
6	TH	
7	F	Education Committee meet.
8	S	
9	S	
10	M	
11	TU	Third Term ends. Conservatorium closes.
12	W	
13	TH	Finance Committee meet.
14	F	Council Meeting.
15	S	
16	S	
17	M	
18	TU	
19	W	Annual Commemoration.
20	TH	
21	F	
22	S	
23	S	
24	M	
25	TU	Christmas Day.
26	W	
27	TH	
28	F	Anniversary of Proclamation of South Australia, 1836. Public Holiday.
29	S	
30	S	
31	M	

# The University of Adelaide.

1906.

## Visitor.

HIS EXCELLENCY THE GOVERNOR.

## Chancellor.

THE RIGHT HON. SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D.,  
Lieutenant-Governor and Chief Justice of South Australia. Elected, for the  
fifth time, 31st October, 1902.

## Vice-Chancellor.

WILLIAM BARLOW, B.A., LL.D. Elected, for the third time, 28th November,  
1902.

## The Council.

### THE CHANCELLOR.

THE VICE-CHANCELLOR. Elected a member of the Council 27th November, 1902.

PROFESSOR WILLIAM HENRY BRAGG, M.A. Elected 27th November, 1902.

HON. GEORGE BROOKMAN, M.L.C. Elected 22nd November, 1905.

FREDERIC CHAPPLE, B.A., B.Sc. (Warden of the Senate). Elected 22nd November,  
1905.

PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. Elected 22nd July, 1903.

JAMES RICHARD FOWLER, M.A. Elected 22nd November, 1905.

REV. HENRY GIRDLESTONE, M.A. Elected 22nd November, 1905.

JAMES ALEXANDER GREER HAMILTON, B.A., M.B. Elected 23rd November,  
1904.

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S. Elected 23rd November, 1904.

WILLIAM JAMES ISBISTER, LL.B. Elected 18th December, 1905.

SAMUEL JOSHUA JACOBS, J. P. Elected 25th November, 1903.

REV. JAMES JEFFERIS, LL.D. Elected 25th November, 1903.

PROFESSOR WILLIAM MITCHELL, M.A., D.Sc. Elected 25th November, 1903.

GEORGE JOHN ROBERT MURRAY, B.A., LL.B. Elected 23rd November, 1904.

REV. DAVID PATON, M.A., B.D., D.D. Elected 27th November, 1902.

BENJAMIN POULTON, M.D. Elected 25th November, 1903.

ROBERT BARR SMITH, J.P. Elected 23rd November, 1904.

SYDNEY TALBOT SMITH, M.A., LL.B. Elected 25th November, 1903.

PROFESSOR EDWARD CHARLES STIRLING, C.M.G., M.A., M.D., F.R.S.,  
F.R.C.S. Elected 22nd November, 1905.

SIR CHARLES TODD, K.C.M.G., M.A., F.R.S. Elected 23rd November, 1904.

## The Senate.

CONSISTING OF ALL MASTERS OF ARTS, MASTERS OF SURGERY, DOCTORS OF  
MEDICINE, DOCTORS OF LAWS, DOCTORS OF SCIENCE, AND DOCTORS OF MUSIC,  
AND OF ALL OTHER GRADUATES OF THREE YEARS' STANDING.

WARDEN—FREDERIC CHAPPLE, B.A., B.Sc.

CLERK—THOMAS AINSLIE CATERER, B.A.

**Professors.**

*Hughes Professor of Classics, and Comparative Philology and Literature :—*

EDWARD VON BLOMBERG BENSLEY, M.A. (Camb.) Appointed 1895.

*Hughes Professor of English Language and Literature, and of Mental and Moral Philosophy :—*

WILLIAM MITCHELL, M.A., D.Sc (Edin.) Appointed 1894.

*Elder Professor of Mathematics and Physics :—*

WILLIAM HENRY BRAGG, M.A. (Camb.) Appointed 1885.

*Elder Professor of Anatomy :—*

ARCHIBALD WATSON, M.D. (Paris and Göttingen), F.R.C.S. Appointed 1889.

*Professor of Physiology :—*

EDWARD CHARLES STIRLING, C.M.G., M.A., M.D. (Camb.), F.R.S., F.R.C.S. Appointed 1882 as Lecturer. Appointed Professor in 1900.

*Angas Professor of Chemistry :—*

EDWARD HENRY RENNIE, M.A. (Sydney), D.Sc. (Lond.) Appointed 1884.

*Professor of Law :—*

WILLIAM JETHRO BROWN, M.A., LL.D. (Camb.), LL.D., D. Litt. (Dub.) Appointed 1906.

*Professor of Modern History and English Language and Literature :—*

GEORGE COCKBURN HENDERSON, M.A. (Oxford.) Appointed 1902.

*Elder Professor of Music :—*

JOHN MATTHEW ENNIS, Mus. Doc. (Lond.) Appointed 1902.

**Lecturers.**

*Engineering :—*

ROBERT WILLIAM CHAPMAN, M.A., B.C.E. (Melb.) Appointed 1900, (Lecturer on Mathematics and Physics from 1888 to 1899.)

*Geology and Palæontology :—*

WALTER HOWCHIN, F.G.S. Appointed 1902.

*Mineralogy and Petrology :—*

DOUGLAS MAWSON, B.E., B.Sc. (Syd.) Appointed 1905.

*The Law of Property and the Law of Procedure :—*

FREDERICK AUGUSTUS D'ARENBERG, M.A. (Dub.) Barrister at Law. Appointed 1897.

*German Language and Literature :—*

REV. ERNST JOHN EITEL, M.A., Ph.D. Appointed 1899.

*Chemistry :—*

WILLIAM TERNENT COOKE, D.Sc. (Adel.) Appointed 1906.

*Electrical Engineering :—*

JOHN PERCIVAL VISSING MADSEN, B.Sc., B.E. (S'ed.) Appointed Mathematics and Physics, 1901; Electrical Engineering, 1903.

*Education :—*

PROFESSOR MITCHELL, M.A., D.Sc. Appointed 1901.

*The Principles and Practice of Medicine and Therapeutics :—*

JOSEPH COOKE VERCO, M.D. (Lond.), F.R.C.S.

*Assistant Physicians :—*

ARCHIBALD ALEXANDER HAMILTON, B.A., M.B. (Dublin); and  
HARRY SWIFT, M.D. (Camb.).

*The Principles and Practice of Surgery :—*

BENJAMIN POULTON, M.D., Ch.B. (Melb.), M.R.C.S.

*Assistant Surgeon :—*

WENTWORTH ROWLAND CAVENAGH-MAINWARING, M.B., B.S.  
(Adelaide); F.R.C.S. (Eng.).

*Obstetrics and Diseases of Infants :—*

ALFRED AUSTIN LENDON, M.D. (Lond.).

*The Dr. Edward Willis Way Lecturer on Gynæcology :—*

JAMES ALEXANDER GREER HAMILTON, B.A., M.B. (Dub.).

*Therapeutics and Materia Medica :—*

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S.

*The Dr. Charles Gosse Lecturer on Ophthalmic Surgery :—*

MARK JOHNSTON SYMONS, M.D., Ch.M. (Edin.).

*Forensic Medicine and Lunacy :—*

WILLIAM LENNOX CLELAND, M.B. (Edin.).

*Bacteriology :—*

THOMAS BORTHWICK, M.D. (Edin.).

*Aural Surgery :—**Pathological Anatomy and Operative Surgery :—*

ARCHIBALD WATSON, M.D. (Paris and Göttingen), F.R.C.S.

*Pathology :—*

WENTWORTH ROWLAND CAVENAGH-MAINWARING, M.B., B.S.  
(Adelaide), F.R.C.S. (England).

*Clinical Medicine :—*

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S.

*Clinical Surgery :—*

WILLIAM ANSTEY GILES, M.B. (Edin.).

*Clinical Lecturer on Diseases of Children :—*

ALFRED AUSTIN LENDON, M.D. (Lond.).

*Commercial Law :—*

PROFESSOR SALMOND, M.A., LL.B.

*Economics and Commercial History :—*

PROFESSOR MITCHELL, M.A., D.Sc.

*Accountancy and Business Practice :—*

BAZETT DAVID COLVIN, M.A. (Camb.).

*Banking and Exchange :—*

WILLIAM NEILL.

*Commercial Geography and Technology :—*

ROBERT JOHN MILLER CLUCAS.

*Botany :—*

ELLEN IDA BENHAM, B.Sc. (Adel.).

**Clinical Teachers, in addition to the Systematic Lecturers  
of the University:**

**At the Adelaide Hospital.**

*Gynæcologist* :—

ARTHUR EDMUND SHEPHERD, L.R.C.P. & S. (Lond.).

*Physicians* :—

FREDERICK WILLIAM NIESCHE, M.D., Ch.M. (Edin.).

RICHARD SANDERS ROGERS, M.A. (Adel.), M.D., Ch.M. (Edin.).

*Surgeon* :—

ARTHUR MURRAY CUDMORE, M.B., B.S.

*Ophthalmologist* :—

ALFRED WILLIAM HILL, M.D. (Brux.), M.R.C.S.

*Surgeon for Ear and Throat* :—

GEORGE ALFRED FISCHER, B.A., M.B., B.S. (Adel.).

**At the Children's Hospital.**

*Medical Officers* :—

WILLIAM McDONALD CAMPBELL, L.R.C.P., F.L.P.S.G.

ALFRED EDGAR WIGG, M.B. (Brux.), M.R.C.S., L.R.C.P.

ALFRED AUSTIN LENDON, M.D. (Lond.).

HARRY SWIFT, M.D. (Camb.).

MARK JOHNSTON SYMONS, M.D., Ch.M. (Edin.).

ALEXANDER MATHESON MORGAN, M.B., B.S. (Adelaide).

JOHN BERNARD GUNSON, M.B., B.S. (Adel.), M.R.C.S. (Eng.).

GEORGE ALFRED FISCHER, M.B., B.S. (Adelaide).

ROBERT BRUMMITT, M.R.C.S. (Eng.), L.S.A. (Lond.).

HENRY SIMPSON NEWLAND, M.B., M.S. (Adelaide).

**Laboratory Assistants.**

*Physiological Laboratory* :—

*Demonstrator*—

WILLIAM FULLER.

*Physical Laboratory* :—

ARTHUR LIONEL ROGERS.

**Staff of the Elder Conservatorium of Music.**

*Director* :—

PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. (Lond.).

*Teachers of the Pianoforte* :—

IMMANUEL GOTTHOLD REIMANN.

BRYCESON TREHARNE, A.R.C.M.

HERMANN KUGELBERG.

*Teachers of Singing* :—

FREDERICK CHARLES BEVAN.

MISS GULI HACK, A.R.C.M.

- Teacher of the Violin* :—  
HERMANN HEINICKE.
- Teacher of the Violoncello* :—  
HERMANN KUGELBERG.
- Teacher of Orchestral Playing* :—  
HERMANN HEINICKE.
- Teacher of Ensemble Playing (Chamber Music)* :—  
HERMANN KUGELBERG.
- Teacher of Theory of Music* :—  
THOMAS HENRY JONES, MUS. BAC.
- Teacher of French and Italian* :—  
STANISLAUS MARTIN LEDOCHOWSKI
- Teacher of Elocution* :—  
EDWARD REEVES.
- Teacher of Sight Singing* :—  
FREDERICK CHARLES BEVAN.
- Teacher of the Flute* :—  
ALFRED BOEHM.
- Lady Superintendent* :—  
MRS. J. S. WESTON.

#### Registrar's Department.

- Registrar* :—  
CHARLES REYNOLDS HODGE. Appointed 1892.
- Accountant and Chief Clerk* :—  
FREDERICK WILLIAM EARDLEY. Appointed 1900.
- Librarian* :—  
ROBERT JOHN MILLER CLUCAS. Appointed 1900.

#### University Auditors.

J. EDWIN THOMAS,  
ARTHUR YOUNG HARVEY.

#### Additional Examiners for Degrees, 1905.

		LL.B. DEGREE.	
A. BUCHANAN	.. .. .	.. .. .	Law of Evidence and Procedure
F. A. d'ARENBERG, M.A.	.. .. .	.. .. .	Constitutional Law
JAS. HENDERSON, B.A.,	} .. .. .	.. .. .	Law of Wrongs
W. J. ISBISTER, LL.B.			
PROFESSOR SALMOND, M.A., LL.B.	.. .. .	.. .. .	Law of Property, Part I.
E. E. CLELAND, LL.B.	.. .. .	.. .. .	Law of Property, Part II.
W. J. ISBISTER, LL.B.	.. .. .	.. .. .	Law of Contracts
P. E. JOHNSTONE, B.A., LL.B.	.. .. .	.. .. .	Jurisprudence
F. W. RICHARDS, LL.D.	.. .. .	.. .. .	Roman Law
T. S. POOLE, M.A.	.. .. .	.. .. .	International Law

## OFFICERS.

## M.B. DEGREE.

F. P. SANDES M.B., CH.M.	.. .. .	Anatomy
G. E. RENNIE, B.A., M.D.	.. .. .	Medicine
G. A. SYME, M.B.	.. .. .	Surgery
R. WORRALL, M.D., CH.M.	.. .. .	Gynæcology
T. BORTHWICK, M.D.	.. .. .	Hygiene
PROFESSOR LIVERSIDGE, M.A., LL.D., F.R.S.		Chemistry
PROFESSOR ANDERSON STUART, M.D., LL.D.		Physiology

## M.D. DEGREE.

G. ROTHWELL ADAM, M.D.	.. .. .	Gynæcology and Obstetrics
C. H. MOLLISON, M.B., B.S., M.R.C.S.	}	State Medicine
G. J. R. MURRAY, B.A., LL.B.		

## B.A. DEGREE.

J. H. MICHELL M.A.,	.. .. .	Mathematics (Honours)
F. I. MAURICE-CARTON, M.A.	.. .. .	French

## D. SC. DEGREE.

## THESIS.

PROFESSOR LIVERSIDGE, M.A., LL.D., F.R.S.	
PROFESSOR MASSON, M.A., D.Sc., F.R.S.	

## B.Sc. DEGREE.

PROFESSOR ANDERSON STUART, M.D., LL.D.	Physiology (Honours)
--	----------------------

## DIPLOMA IN APPLIED SCIENCE.

A. L. MILLS	.. .. .	Metallurgy II.
A. H. MERRIN, M.C.E.	.. .. .	Mining II.
CAPTAIN H. R. HANCOCK	.. .. .	Mining, I.
A. J. HIGGIN, F.I.C.	.. .. .	Assaying II.
C. J. SANDERS	.. .. .	Surveying
S. H. BARACLOUGH, M.A., M.C.E.	.. .. .	Mechanical Engineering IV., and Machine Design IV.

## MUS. BAC. DEGREE.

SIR HUBERT H. PARRY, BART., MUS. DOC.	.. .. .	Of Mus. Bac. Exercises.
PROFESSOR PETERSON, MUS. BAC.	.. .. .	Third Year.

## ADVANCED COMMERCIAL CERTIFICATE.

J. EDWIN THOMAS	.. .. .	Accountancy
J. R. FOWLER, M.A.	.. .. .	Business Practice

## TATE MEDAL.

W. HOWCHIN, F.G.S., and D. MAWSON, B.E., B.Sc.	
--	--

## EXAMINATION IN BOTANY.

MISS E. I. BENHAM, B.Sc.	
--------------------------	--

## Officers of Local Centres.

## SOUTH AUSTRALIA:—

## CLARE—

Chairman—REV. CANON WEBB, M.A. ; Hon. Secretary—MAGNUS BADGER.

**MOONTA—**

Chairman—H. W. UFFINDELL; Hon. Secretary—S. R. PAGE.

**PORT PIRIE—**

Chairman—F. S. DELANO; Hon. Secretary—B. H. MOORE, B.Sc.

**JAMESTOWN—**

Chairman—H. BOUCAUT; Hon. Secretary—REV. T. H. FREWIN, M.A.

**LAURA—**

Chairman—G. J. BILLS; Hon. Secretary—C. V. WELLS, M.B., B.S.

**NARRACOORTE—**

Chairman—A. ATTIWELL; Hon. Secretary—REV. R. CLARK.

**MOUNT GAMBIER—**

Chairman—F. H. DANIEL; Hon. Secretary—C. L. SPEHR, LL.B.

**TALIA—**

Chairman—A. G. THOMPSON; Hon. Secretary—Rev. GORDON CUMING.

**KOOLUNGA—**

Chairman—E. J. SHEPWAY; Hon. Secretary—REV. F. W. WILKINSON, B.A.

**YORKETOWN—**

Chairman—G. C. HAYWARD, M.R.C.S.; Hon. Secretary—Rev. C. S. BEAUMONT.

**WESTERN AUSTRALIA:—****CENTRE—PERTH—**

Chairman—HON. J. W. HACKETT, M.L.C.; Hon. Secretary—W. ERNEST COOKE, M.A.; Assistant Secretary—H. M. JOSELYNE, B.A.

**GOLDFIELDS CENTRE—**

Hon. Secretary—J. WATSON BROWN, B.Sc., LL.B., Kalgoorlie.

**SUB-CENTRE—ALBANY—**

Chairman—C. MCKENZIE; Hon. Secretary—

**BROKEN HILL, N.S.W. :—**

Chairman—O. VON RIEBEN; Hon. Secretary—JUSTIN MCCARTHY.

**On the Board of Governors of the Public Library, Museum,  
and Art Gallery.**

REV. DAVID PATON, M.A., B.D., D.D. } Elected 27th October,  
PROFESSOR GEORGE COCKBURN HENDERSON, M.A. } 1905.

**On the Board of Management of the Adelaide Hospital.**

WILLIAM THORNBOROUGH HAYWARD, M.R.C.S. Elected February, 1905.

**Former Officers of the University.**

**Chancellors.**

SIR RICHARD DAVIES HANSON, CHIEF JUSTICE OF SOUTH AUSTRALIA Appointed 1874. Died 1876

THE RIGHT REV. AUGUSTUS SHORT, D.D., BISHOP OF ADELAIDE. Appointed 1876. Resigned 1883.



**Vice-Chancellors.**

- THE RIGHT REV. AUGUSTUS SHORT, D.D., BISHOP OF ADELAIDE. Appointed 1874. Elected Chancellor 1876.  
 THE RIGHT HON. SIR SAMUEL JAMES WAY, BART., D.C.L., LL.D., CHIEF JUSTICE OF SOUTH AUSTRALIA. Appointed 1876. Elected Chancellor 1883.  
 THE REV. WILLIAM OBY FLETCHER, M.A. Appointed 1883. Died 1894.  
 THE VENERABLE CANON FARR, M.A., LL.D. Appointed 1887.  
 JOHN ANDERSON HARTLEY, B.A., B.Sc., INSPECTOR-GENERAL OF SCHOOLS. Appointed 1893. Died 1896.

**Wardens of the Senate.**

- WILLIAM GOSSE, M.D. Elected 1877. Died 1883.  
 THE VENERABLE CANON FARR, M.A., LL.D. Elected 1880.

**Professors.***Classics* :—

- REV. HENRY READ, M.A. 1874-1878.  
 DAVID FREDERICK KELLY, M.A. 1878-1894.  
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. 1894.

*English Language and Literature and Mental and Moral Philosophy* :—

- REV. JOHN DAVIDSON. 1874-1881.  
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. 1883-1894.

*Modern History and English Language and Literature* :—

- ROBERT LANGTON DOUGLAS, M.A., 1900-1902.

*Mathematics* :—

- HORACE LAMB, M.A., LL.D., F.R.S. 1875-1885.

*Law* :—

- WALTER ROSS PHILLIPS, LL.B. (Lecturer) 1883-1887.  
 FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. 1888-1896.  
 (Lecturer 1888-1890. Professor 1890-1896).  
 JOHN WILLIAM SALMOND, M.A., LL.B., 1897-1905.

*Natural Science* :—

- RALPH TATE, F.G.S. 1875-1901.

*Music* :—

- JOSHUA IVES, Mus. Bac. 1884-1901.

**Former Treasurer.**

- THE HON. SIR HENRY AYERS, G.C.M.G. 1874-1886.

The finances have since been managed by a Committee on a system prepared by the Treasurer.

**Former Registrars.**

- WILLIAM BARLOW, B.A., LL.D. 1874-1882.  
 JOHN WALTER TYAS. 1882-1892
-

## PAST AND PRESENT GRADUATES.

### A.

<i>Name.</i>	<i>Date.</i>	<i>University.</i>	<i>Degree</i>
ADAMS, Alfred John .. ..	1900	Cambridge (1899)	M.A.
ADAMS, Reginald Arthur .. ..	1901	Cambridge (18 )	M.A.
ALLEN, James Bernard .. ..	1891		B.Sc.
ALTMANN, Charles August .. ..	1883	Melbourne (1883)..	M.B.
† AMBROSE, Ethel Mary Murray .. ..	1903		M.B., B.S.
ANDERSON, James Robert .. ..	1894		LL.B.
ANDREWSON, Richard Bullock .. ..	{ 1887 1891		B.A. LL.B.
ANGUS, William .. ..	1905	Aberdeen (1900) ..	B.Sc.
ANNELLS, William Charles .. ..	1899		M.A.
* ASH, George .. ..	1894		LL.B.
† ASHTON, Thomas Badge .. ..	1903		M.B., B.S.
ASTLES, Harvey Eustace .. ..	1885	St. Andrews (1883)	M.D.
* AYERS, Frederic .. ..	1877	Cambridge (1875)	M.A.
AYERS, Julian .. ..	1895		LL.B.

### B.

BAKEWELL, John Warren .. ..	1877	Cambridge (1874)	M.A.
BARLOW, William .. ..	{ 1877 1885	Dublin (1855) " (1884)	B.A. LL.D.
BACRY, Alfred .. ..	1889	Oxford .. ..	LL.D.
BARWELL, Henry Newman .. ..	1899		LL.B.
† BAYLY, Brian Brock .. ..	1904		B.Sc.
BAYLY, William Reynolds.. ..	{ 1896 1898		B.A. B.Sc.
BEARE, Edwin Arthur .. ..	1892		LL.B.
BEARE, Thomas Hudson .. ..	1887		B.A.
BELL, Willoughby George .. ..	1901		B.Sc.
* BENBOW, John .. ..	1895		B.A.
BENHAM, Edward Warner .. ..	1891		LL.B.
BENHAM, Ellen Ida .. ..	1892		B.Sc.
BENHAM Frederick Lucas .. ..	1901	London (1881) ..	M.D.
BENHAM, Rosamond Agnes .. ..	1902		M.B., B.S.
† BENNETT, Frederick Norman .. ..	1905		B.A.
BENNETT, Richard William .. ..	1901		LL.B.
BENSLY, Edward von Blomberg .. ..	1895	Cambridge (1889)	M.A.
† BILLINGHURST, Harry .. ..	1904		B.A.
BIRKS, Lawrence .. ..	1894		B.Sc.

\* Deceased.

† Not yet Members of Senate.

BIRKS, Melville .. .. .	1903		M. B., B.S.
BLACKBURN, Charles Bickerton	1893		B. A.
BLACKNEY, Samuel .. .. .	1891	Toronto ( 891) ..	M. B.
BLOXAM, Charles a'Court .. ..	1891		LL. B.
BOAS, Isaac Herbert .. .. .	1899		B.Sc.
BOLLEN, Christopher .. .. .	1894	Toronto 1891) ..	M. D.
BOLLEN, Percival .. .. .	1899	Toronto (1899) ..	M. D.
BONNIN, James Atkinson .. ..	1895		M. B., B.S.
BOOTHBY, Charles Brinsley .. ..	1886		LL. B.
* BOOTHBY, William Robinson .. ..	1877	London (1850) ..	B. A.
BORTHWICK, Ernest Lincoln .. ..	1902	Edinburgh (1897)	M. B., C.M.
BORTHWICK, Thomas .. .. .	1892	Edinburgh (1891) ..	M. D.
BOSWORTH, Richard Leslie Eugene	1901		B.Sc.
BOUTGER, Edward Vaughan .. ..	1884	Dublin (1872) ..	M. A.
BOWYEAR, George John Shirreff	1882	Cambridge (1871)	B. A.
† BRADY, Albert Edward .. .. .	1905		M. B., B.S.
BRAGG, William Henry .. .. .	1888	Cambridge (1888)	M. A.
BRAUER, Herman Gustav Adolph	1905	Wisconsin (1899)	M. A.
BRAY, Gildart Harvey .. .. .	1891	Aberdeen (1890) ..	M. A.
† BROOKS, Albert Joseph .. .. .	1804		B. A.
BROWN, James Watson .. .. .	{ 1893 1898		{ B.Sc. LL. B.
BROWN, Mary Home .. .. .	1902		B. Sc.
† BRUMMITT, Robert Douglas .. ..	1905		M. B., B.S.
BUNDEY, Ellen Milne .. .. .	1900		Mus. Bac.
BURGESS, May .. .. .	1899		B.Sc.
BURGESS, Thomas Martin .. .. .	1888		B. A.
† BURNELL, Reginald George .. ..	1905		B. A.
† BURNARD, Eulalie Hardy Hanton	1905		M. B., B.S.
† BURNARD, Renfrey Gershom .. ..	1904		M. B., B.S.
BURTT, Thomas .. .. .	1877	Cambridge (1855) ..	M. A.
BUTLER, Frederick Stanley .. ..	1893		M. A.
BUXTON, Sir Thomas Fowell .. ..	1895	Cambridge (1859) ..	M. A.
BYARD, Douglas John .. .. .	1889	Oxford (1882) ..	B. A.

## C.

* CAMPBELL, Allan James .. .. .	1896		M. B., B.S.
CAMPBELL, Archibald Way .. .. .	1896		M. B. B.S.
CAMPBELL, Colin Arthur Fitzgerald	1889	Cambridge (1889)	M. A.
CAMPBELL, Florence Way .. .. .	1897		Mus. Bac.
† CAMPBELL, James Way .. .. .	{ 1903 1905		{ B. A. LL. B.
* CARR, Whitmore .. .. .	1877	Dublin (1848) ..	M. A.
CATERER, Thomas Ainslie .. .. .	1879		B. A.
CAVENAGH-MAINWARING, Wentworth Rowland .. .. .	1892		M. B., B.S.

\* Deceased.

† Not yet Members of Senate.

CAW, Alexander Ruan .. ..	1902		M.B., B.S.
CHAPMAN, Henry George .. ..	1901	Melbourne (1899)	M.B.
CHAPMAN, Robert William .. ..	1889	Melbourne (1888)	M.A.
CHAPPLE, Alfred .. ..	1894		B.Sc.
CHAPPLE, Ernest .. ..	1903		B.Sc.
CHAPPLE, Frederic (Warden of the Senate) .. ..	1877	London (1870)	B.A.
CHAPPLE, Frederic John .. ..	{ 1891 1898	Melbourne (1897)	B.Sc. M.B., Ch.B.
CHAPPLE, Harold .. ..	1900		B.Sc.
CHAPPLE, Marian .. ..	1894		B.A.
CHAPPLE, Phæbe .. ..	{ 1898 1904		B.Sc. M.B., B.S.
* CHARLESWORTH, Thomas William	1877		M.A.
CHIGNELL, Arthur Kent .. ..	1906		B.A.
* CHURCHWARD, Samuel .. ..	1877	London (1873)	B.A.
CHURCHWARD, Spencer .. ..	{ 1900 1903		B.A. M.A.
† CHURCHWARD, Stella Mary .. ..	1904		B.Sc.
CLARK, Archie Septimus .. ..	1900		B.Sc.
† CLARK, Annie Millicent .. ..	1904		B.A.
CLARK, Caroline .. ..	1901		M.A.
CLARK, Edward Vincent .. ..	1895		B.Sc.
CLAYTON, Arthur Ross .. ..	1902		M.B., B.S.
CLELAND, Edward Erskine .. ..	1890		LL.B.
CLELAND, John Barton .. ..	1902	Melbourne (1902)	M.D.
† CLELAND, William Lauder .. ..	1904		B.Sc.
CLELAND, William Lennox .. ..	1880	Edinburgh (1876)	M.B.
COCKBURN, Sir John Alexander .. ..	1877	London (1874)	M.D.
COLLISON, Edith .. ..	1900		B.Sc.
COLVIN, Bazett David .. ..	1898	Cambridge (1864)	M.A.
† COLVILLE, Arthur Landseer .. ..	1905		LL.B.
COLVILLE, John .. ..	1901		B.A.
CONNOR, Julian Dove .. ..	1900		B.Sc.
CONYBEARE, William James .. ..	1895	Cambridge (1894)	B.A.
COOKE, Florence Emmeline .. ..	1900		Mus. B.A.
COOKE, William Ernest .. ..	1889		M.A.
COOKE, William Ternent .. ..	{ 1900 1905		B.Sc. D.Sc.
† COOPER, Constance May .. ..	1904		M.B., B.S.
COOPER, Claude Tidswell .. ..	1899	Melbourne (1899)	M.B., Ch.B.
CORBIN, Cecil .. ..	1894		M.B., B.S.
CORBIN, Hugh Burton .. ..	1892		B.Sc.
CORVAN, James Hamilton .. ..	1877	Dublin (1865)	B.A.
COVENTRY, Cameron Hilder .. ..	1900		B.Sc.
† COWELL, Francis Henry .. ..	1903		B.A.

\* Deceased.

† Not yet Members of Senate

† COWPERTHWATTE, Elsie Eleanor	1903		B. A.
CRAWFURD, Lionel Payne	.. 1897	Oxford (1890)	.. M. A.
CUDMORE, Arthur Murray	.. 1894		M. B., B.S.
† CURTIS, Albert	.. .. 1905		M. B., B.S.

## D.

DALBY, John	.. .. 1891		B. A.
d'ARENBERG, Frederick Augustus	1841	Dublin (1876)	.. M. A.
† DARWIN, Lisle Julius	.. .. 1905		B. A.
DAVENPORT, Sir Samuel	.. 1888	Cambridge (1886)	LL.D.
DAVIDSON, George	.. .. 1898	St. Andrews (1879)	M. A.
DAVIES, Edward Harold	.. .. { 896 1902		Mus. Bac. Mus. Doc.
† DAVIS, Angelita Pinctorcilla	.. .. 1905		Mus. Bac.
† DAWSON, Dean	.. .. 1905		M. B., B.S.
DEANE, Charles Maslen	.. .. 1877	Edinburgh (1862)	.. M. D.
DEMPSEY, Richard Francis	.. .. 1888		LL.B.
* DENDY, Arthur	.. .. 1877	Oxford (1851)	.. M. A.
DEVENISH, Albert Sydney	.. .. 1-99		M. A.
† DODWELL, George Frederick	.. .. 1905		B. A.
DONALDSON, Arthur	.. .. 1881		B. A.
DONALDSON, George	.. .. 1882		B. A.
DORNWELL, Edith Emily	.. .. 1885		B.Sc.
DORSCH ( <i>mæ</i> Heyne), Agnes Marie Johanna	.. .. 1891		B. A.
DOUGLAS, Francis John	.. .. 1898	Melbourne (1897)	.. M. B., Ch.B.
DOUGLAS, Robert Langton	.. .. 1900	Oxford (1891)	.. M. A.
DOVE, George	.. .. 1877	Cambridge (1859)	.. M. A.
DOWNER, George Henry	.. .. 1885		LL.B.
DOWNER, James Frederick	.. .. 1895		LL.B.
DUFFIELD, Walter Geoffrey	.. .. 1900		B.Sc.
* DUNCAN, Handasyde	.. .. 1877	Glasgow (1831)	.. M. D.
* DUNLOP, James Dunlop	.. .. 1883	Edinburgh (1881)	.. M. B.
* DURNO, Leslie	.. .. 1893	Aberdeen	.. M. A.

## E.

EDESON, Emily Geraldine	.. .. 1902	Melbourne (1899)	.. M. A.
† EDMUNDS, Charles Augustus	.. .. 1904		LL.B.
EITEL, Ernst John	.. .. 1903	Tübingen (1871)	.. M. A.
ELCUM, Charles Cunningham	.. .. 1879	Cambridge	.. M. A.
† ELLIS, Annie Rita	.. .. 1905		B.Sc.
ENGLEHART, August Friedrich Gottfried	.. .. 1877	Giessen (1870)	.. M. D.
ENNIS, John Matthew	.. .. 1902	London (1894)	.. Mus. Doc.
ESAU, Charles Frederick Herman	.. .. 1877	Göttingen (1851)	.. M. D.
EVANS, Harold Maund	.. .. 1897	Melbourne (1897)	M. B.

\* Deceased.

† Not yet Members of Senate.

## F.

FAIRWEATHER, Andrew ..	1901		B.Sc.
FARR, Clinton Coleridge ..	{ 1888		B.Sc.
	{ 1902		D.Sc.
* FARR, George Henry ..	{ 1877	Cambridge (1853) ..	M.A.
	{ 1883	" (1882) ..	LL.D.
FERGUSON, Andrew ..	1904		B.Sc.
* FIELD, Thomas ..	1877	Cambridge (1857) ..	M.A.
† FINLAYSON, Ronald Nickels ..	1903		LL.B.
FINNISS, John Henry Suffield ..	1886	Edinburgh (1876) ..	M.B.
FISCHER, George Alfred ..	{ 1888		B.A.
	{ 1894		M.B., B.S.
FLECKER, Oscar Sydney ..	1902	Sydney (1902) ..	M.B., Ch.M.
* FLETCHER, Alfred Watkis ..	1889		B.Sc.
* FLETCHER, William Roby ..	1877	London (1856) ..	M.A.
* FLOOD, John Wellesley ..	1881	Dublin ..	B.A., M.B.
FORREST, The Right Honourable Sir John ..	1902	Cambridge ( ) ..	LL.D.
FOWLER, James Richard ..	1891	Cambridge (1890) ..	M.A.
FREWIN, Thomas Hugh ..	1892		M.A.
† FRY, Henry Kenneth ..	1905		B.Sc.

## G.

GARDINER, Beauchamp Lennox ..	1902		B.Sc.
* GARDNER, William ..	1877	Glasgow (1876) ..	M.D.
GARTRELL, Herbert William ..	1902		B.A., B.Sc.
GAULT, Arthur Henry ..	1901	London (1900) ..	M.D.
* GETHING, Robert ..	1877	Edinburgh (1847) ..	M.D.
GIBBES, Alexander Edward ..	1892		M.B., B.S.
GILES, Eustace ..	1889		LL.B.
GILES, Henry O'Halloran ..	1891		M.B., B.S.
GILES, Ireton Elliot ..	1897		B.A.
† GILES, Nigel Stuart ..	1906		B.Sc.
GILES, Thomas O'Halloran ..	1886	Cambridge (1883) ..	LL.B.
GILES, William Anstey ..	1886	Edinburgh (1882) ..	M.B.
GILL, Alfred ..	{ 1882		B.A.
	{ 1885		LL.B.
GIRDLESTONE, Henry ..	1894	Oxford (1889) ..	M.A.
* GLOVER, Ralph Francis ..	1877	Queen's, Ireland (1869)	B.A.
GLYNN, Patrick McMahon ..	1898	Dublin (1879) ..	LL.B.
GOLDSMITH, Frederick ..	1889		M.B., B.S.
GOODE, Arthur ..	1894		M.B., B.S.
† GOOD, Emily Milvain ..	1904		B.A.
GOODE, Samuel Walter ..	1898		B.A.
† GORDON, James Leslie ..	1904		LL.B.
* GORGER, Oscar ..	1878	Heidelberg (1871) ..	M.D.
GOSNELL, Arthur William ..	1895	Cambridge (1888) ..	M.A.

\* Deceased.

† Not yet Members of Senate.

* GOSSE, Charles .. .. .	1877	Aberdeen (1875) ..	M.D.
* GOSSE, William .. .. .	1877	Heidelberg (1870) ..	M.D.
GOYDER, Alexander Woodroffe ..	1889		B.Sc.
GREENWAY, Thomas Charles ..	1900		B.Sc.
GREGGERSON, William Jens ..	1902	Melbourne (1890) ..	M.B., B.S.
GUNSON, George Frederick ..	1902		LL.B.
GUNSON, John Bernard .. ..	1893		M.B., B.S.
* GUNSON, John Michael .. ..	1877	Heidelberg (1867) ..	M.D.
GUNSON, William Joseph .. ..	1894		LL.B.

## III.

HACKETT, James Thompson ..	1882	Melbourne (1879) ..	B.A.
HALCOMB, Frederick .. .. .	1877	Oxford (1859) ..	B.A.
† HALL, Charles Fishbourne ..	1905		B.A.
HALL, Anthony James Alexander ..	1888		LL.B.
HALL, Robert William .. .. .	1884		LL.B.
HAMILTON, Alexander Archibald	1883	Dublin (1880) ..	M.B.
HAMILTON, Charles Wolfe ..	1899	Dublin (1894) ..	M.D.
HAMILTON, James Alexander Greer	1880	Dublin (1876) ..	M.B.
HAMILTON Thomas Kinley ..	1885	Dublin (1879) ..	M.D.
HANCOCK, George Alfred .. ..	1901		B.A.
* HARDING, Thomas Williamson ..	1890	Cambridge (1890) ..	M.A.
HARDY, Alfred Burton .. .. .	1898		LL.B.
† HARGRAVE, Nathaniel John ..	1905		LL.B.
HARMER, John Reginald .. ..	1895	Cambridge (1884) ..	M.A.
HARRIS, Frank Dixon .. .. .	1886		LL.B.
HARRIS, James Frederick .. ..	1901	Melbourne (1901) ..	M.B.
HARROLD, Rowland Edward ..	1892	Edinburgh (1890) ..	M.B.
HARRY, Arthur Hartley .. ..	1901		B.A.
* HARTLEY, John Anderson .. ..	1877	London (1863) ..	B.A.
HASLAM, Joseph Auburn .. .. .	1892		B.Sc.
HAWKER, Edward William .. ..	{ 1877 1902	{ Cambridge (1873) .. Cambridge (1890) ..	{ LL.B. M.A.
* HAY, Alexander Gosse .. .. .	1897	Cambridge (1896) ..	B.A.
HAY, James .. .. .	1883	Cambridge (1880) ..	LL.B., B.A.
HAYCRAFT, Edith Florence ..	1890		B.Sc.
HAYWARD, Charles Waterfield ..	1892	Oxford (1892) ..	M.A.
† HAYWARD, Lionel Wykeham ..	1903		M.B., B.S.
HEADLAM, Morley Lewis Caulfield	1900	Oxford (1893) ..	M.A.
HEINEMANN, Edmund Lewis ..	1890	Oxford (1887) ..	B.A.
HENDERSON, George Cockburn ..	1902	Oxford (1897) ..	M.A.
* HENDERSON, James .. .. .	1880		B.A.
HENDERSON, John Henderson ..	1899	Glasgow (1882) ..	M.B.
HENDERSON, William .. .. .	1884		LL.B.
† HENDERSON, William .. .. .	1904		B.A.

\* Deceased.

† Not yet Members of Senate.

* HENNIKER-MAJOR, Albert Edward John .. .. .	1891	Cambridge (1889) ..	B.A.
HENNING, Andrew Harriot .. .. .	1887		LL.B.
† HESELTINE, Augustus Frederick	1904		B.Sc.
HEUZENREDER, William Eberhard	1891		LL.B.
HEWITSON, Thomas .. .. .	1884		LL.B.
HOCTOR, John Francis .. .. .	1877	Dublin (1871) ..	B.A.
† HOLDEN, Edward Wheewall .. .. .	1905		B.Sc.
HOLDER, Ethel Roby .. .. .	1901		M.A.
* HOLDER Sydney Ernest .. .. .	1882		B.A.
HOLE, William Margarey .. .. .	1898		Mus. Bac.
HOLLIDGE, David Henry .. .. .	1889		M.A.
HONE, Frank Sandland .. .. .	{ 1889 1894		B.A. M.B., B.S.
* HONE, Gilbert Bertram .. .. .	1892		B.A.
† HOOPER, Charles William .. .. .	1904		B.Sc.
HOPE, Charles Henry Standish .. .. .	{ 1889 1891	Cambridge (1883) ..	B.A. M.D.
HOPE ( <i>née</i> Fowler), Laura Margaret	1891		M.B.
HOPKINS, Alfred Nicholas .. .. .	1888		B.A.
* HOPKINS, William Fleming .. .. .	1884		B.A.
HORN, Edward Palmer .. .. .	1889		LL.B.
HORNABROOK, Rupert Walter .. .. .	1896		M.B., B.S.
HOURIGAN, Richard Edward .. .. .	1893		LL.B.
HOWCHIN, Stella .. .. .	1893		B.Sc.
HOWELL, Edward Tucker .. .. .	1877	Oxford (1860) ..	M.A.
HUGHES, Alfred .. .. .	1889	Cambridge (1886) ..	B.A.
† HUNN, William Morgan .. .. .	1905		M.B., B.S.
† HUNTER, Oswald .. .. .	1903		LL.B.
* HUSSEY, John .. .. .	1901	Oxford (1889) ..	M.A.
HYNES, Timothy Augustin .. .. .	1889	Edinburgh (1888) ..	M.B.

## I.

ILIFFE, James Drinkwater .. .. .	1899		B.Sc.
INGLEBY, Rupert .. .. .	1889		LL.B.
IRWIN, Henry Offley .. .. .	1893		M.B., B.S.
ISBISTER, James Linklater Thomson	{ 1891 1896		B.Sc. M.B., B.S.
ISBISTER, William James .. .. .	1887		LL.B.
IVES, Joshua .. .. .	1885	Cambridge (1884) ..	Mus. Bac.

## J.

JACOMB-HOOD, Robert Gordon .. .. .	1905	Cambridge (1892) ..	M.A.
JEFFERIS, James .. .. .	{ 1877 1895	London (1856) .. Sydney (1885) ..	LL.B. LL.D.
JERVIS-SMITH, Frederick John .. .. .	1898	Oxford (1872) ..	M.A.

\* Deceased.

† Not yet Members of Senate.



JOHNSON, Edward Angas ..	{ 1897	Melbourne (1897) ..	M.B., Ch.B.
	{ 1901	Göttingen (1899) ..	M.D.
JOHNSTONE, Percy Emerson ..	{ 1894		B.A.
	{ 1898		LL.B.
JOLLY, Norman William ..	1901		B.Sc.
JONES, Albert Edward ..	1888		LL.B.
JONES, Thomas Henry ..	1889		Mus. Bac.
JOSE, Edward Salisbury ..	1905	Oxford (1904) ..	B.A.
JUDE, Gertrude Josephine ..	1901		B.Sc.
† JUDELL, Maurice Wolff ..	1903		B.Sc.

## K.

KEARNEY, Alan Wells ..	1889	Cambridge (1877) ..	M.A.
* KELLY, Alexander Charles ..	1877	Edinburgh (1832) ..	M.D.
* KELLY, David Frederick ..	1879	Cambridge (1878) ..	M.A.
* KELLY, ( <i>née</i> Pittmann), Franziska Helena Marie..	1898		Mus. Bac.
KENNION George Wyndham ..	1883	Oxford (1871) ..	M.A.
KERR, Donald Alexander..	1883		B.A.
KINGSMILL, Walter ..	1883		B.A.
KINGSTON, The Right Hon. Charles Cameron ..	1898	D.C.L., Oxford (1897)	LL.D.
KINTORE, The Earl of ..	{ 1889	Cambridge (1877) ..	M.A.
	{ 1889	Aberdeen (1889) ..	LL.D.
KIRBY, Mary Maude ..	1890		B.Sc.
† KLEEMAN, Richard Daniel ..	1905		B.Sc.
KNIGHT, Percy Norwood ..	1888		B.A.
KNOWLES, Francis Edward ..	1888		LL.B.
KOLLOSCHIE, John ..	1901		M.A.

## L.

LABATT, Edward ..	1877	Dublin (1870) ..	B.A.
* LABATT, George Augustus ..	1877	Dublin (1839) ..	B.A.
LAMB, Horace ..	1877	Cambridge (1875) ..	M.A.
LANE, Annie ..	1904		M.A.
LANG, Sydney Chapman ..	1896		B.A.
† LANGDON, Reginald Yorke ..	1903		B.Sc.
† LATTY, Claude Percival ..	1905		LL.B.
LEHUNTE, Sir George Ruthven ..	1903	Cambridge (1880) ..	M.A.
* LEITCH, James Westwood ..	1884		B.A.
LEITCH, Oliver ..	1895		B.Sc.
LEONARD, James ..	1877	London (1849) ..	B.A.
LONDON, Alfred Austin ..	1883	London (1881) ..	M.D.
LE MESSURIER, Thomas Abraham	{ 1893		B.Sc.
	{ 1894		M.A.
LILLYWHITE, Cuthbert ..	1899		B.Sc.
LIMBERT, Edgar Henry ..	1887		LL.B.

\* Deceased.

† Not yet Members of Senate.

* LINDON, James Hemery .. ..	1886	Cambridge (1884) ..	M.A.
LLOYD, Henry Sanderson .. ..	1883	Edinburgh (1883) ..	M.B.
† LIPSHAM, Kate Caroline .. ..	1905		B.A.
LIPSHAM, Margaret .. ..	1903		B.A.
† LOAN, Edward Charles .. ..	1903		B.A.
LOWRIE, William .. ..	1883	Edinburgh (1883) ..	M.A.
LYNCH, Arthur Francis Augustin	1889		M.B., B.S.

## M.

† MCAREE, John Victor .. ..	1905		M.B., B.S.
MARTHUR, David William Stanley	1901		B.Sc.
† MACAULAY, Robert Wilson .. ..	1903		B.A.
* MCCULLAGH, William George .. ..	1877	Dublin (1854) ..	B.A.
* MACBEAN, John .. ..	1877	Aberdeen (1832) ..	M.A.
MCBRIDE, William John .. ..	1898		B.Sc.
MCCARTHY, Walter James .. ..	{ 1891 1904		{ B.A. B.Sc.
MACULLY, Alexander .. ..	1901	Melbourne (1887) ..	M.A.
MACK, Hans Hamilton .. ..	1880		B.A.
MACKENZIE, John George Kenneth	1894	Oxford (1888) ..	M.A.
* MACKINTOSH, James Sutherland	1878	Edinburgh (1838) ..	M.D.
MADSEN, John Percival Vissing ..	1901	Sydney (1900) ..	B.Sc.
MADDEN, Sir John .. ..	1901	Cambridge .. ..	LL.D.
MAGAREY, Cromwell William Ashley	1889		M.B., B.S.
MAGAREY, Frank William Ashley	{ 1901 1903	{ Sydney (1899) Sydney (1903) ..	{ M.B. M.D.
† MAGAREY, Rupert Eric .. ..	1904		M.B., B.S.
* MAGAREY, Sylvanus James .. ..	1888	Melbourne (1888) ..	M.D.
MAGAREY, William Ashley .. ..	1888		LL.B.
MANN, Charles .. ..	1887		LL.B.
MARRYAT, Charles .. ..	1877	Oxford (1853) ..	M.A.
MARRYAT, Cyril Beaumont .. ..	1898		B.Sc.
MARRYAT, Ernest Neville .. ..	1888		B.A.
MARTEN, Robert Humphrey .. ..	1888	Cambridge (1888) ..	M.B.
† MARTIN, John Claude .. ..	1905		LL.B.
† MARTIN, Victor Garfield .. ..	1904		B.Sc.
MASTERS, Frederick George .. ..	1900	Cambridge (1888) ..	M.A.
MATTHEWS, Richard Twitchell .. ..	1883	London (1883) ..	B.A.
† MAUGHAN, Milton Moss .. ..	1904		B.A.
MAYO, Helen Mary .. ..	1902		M.B., B.S.
MEAD, Cecil Silas .. ..	{ 1887 1891		{ B.A. M.B., B.S.
MEAD, Silas .. ..	1877	London (1859) ..	M.A.
MELLOR, James Taylor .. ..	1888		LL.B.
MELROSE, Alexander .. ..	1886		LL.B.
† MILLER, Raymond Orlando Maurice	1905		B.A.

\* Deceased.

† Not yet Members of Senate

MILNE, William Somerville ..	1890	Oxford (1886) ..	M.A.
MINCHIN, Edward James ..	1894	Dublin (1879) ..	B.A.
MITCHELL, James Thomas ..	1885	Aberdeen (1885) ..	M.D.
MITCHELL, Samuel James ..	1890		LL.B.
MITCHELL, William ..	1895	Edinburgh (1886) ..	M.A.
MITTON, Ernest Gladstone ..	1899		B.Sc.
MOORE, Bertie Harcourt ..	1900		B.Sc.
MOORE, Edwin Canton ..	1882		B.A.
† MOORE, George Douglas ..	1904		B.Sc.
MORGAN, Alexander Matheson ..	1890		M.B., B.S.
* MORRIS, Edward Ellis ..	1901	Oxford ..	M.A.
* MORSE, Charles William ..	1877	Cambridge (1850) ..	B.A.
MOULE, Edward Ernst ..	1893		M.B., B.S.
† MOYES, John Stoward ..	1905		B.A.
* MUECKE, Carl Wilhelm Ludwig ..	1877	Jena (1847) ..	M.A.*
MUECKE, Francis Frederick ..	1902		M.B., B.S.
MURRAY, George John Robert ..	1883		B.A.

## N.

NAIRN, Alexander Livingstone ..	1902		B.A.
NANKIVELL, John Thomas ..	1877	Cambridge (1871) ..	B.A.
NAPIER, Alexander Disney Leith	1899	Aberdeen (1878) ..	M.D.
NAPIER, Thomas John Mellis ..	1902		LL.B.
* NESBIT, William Peel ..	1877	Edinburgh (1873) ..	M.B.
* NEUBAUER, Max Friedrich ..	1877	Munich (1873) ..	M.D.
NEWLAND, Clive ..	1902		M.B., B.S.
NEWLAND, Henry Simpson ..	{ 1896 1902		M.B., B.S. M.S.
NEWLAND, Philip Mesmer ..	1896		LL.B.
NEWMAN, Edgar Harrold ..	1894		LL.B.
NEWMAN, George Gough ..	1892	London (1891) ..	B.A.
NICHOLLS, Leslie Herbert ..	1893		B.A.
NIESCHE, Frederick William ..	1889	Edinburgh (1886) ..	M.D.
NOLTENIUS, Harry Edward ..	1902		B.A.
NORTHMORE, John Alfred ..	1887		LL.B.

## O.

* OAKELEY, Sir Herbert Stanley ..	1895	Oxford ..	Mus. Doc.
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## P.

PADMAN, Edward Clyde ..	{ 1897 1900		B.A. LL.B.
† PADMAN, Clara Helen ..	1904		B.A.
† PAINE, Herbert Kingsley ..	1904		LL.B.
* PALMER, Hamilton Charles ..	1877	London (1851) ..	LL.B.

\* Deceased.

† Not yet Member of Senate.

PARKIN, George Robert .. ..	1903	McGill, Canada ..	LL.D.
PARSONS, Herbert Angas .. ..	1897		LL.B.
* PATERSON, Alexander Stuart ..	1877	Edinburgh (1857) ..	M.D.
PATON, Adolph Ernest .. ..	1902		B.Sc.
PATON, Alfred Maurice .. ..	1898		B.Sc.
PATON, David .. ..	1878	Glasgow (1864) ..	M.A.
PATON, Dora Isabel .. ..	1902		B.Sc.
† PEARSON, Henry Ernest .. ..	1904		B.Sc.
PENNEFATHER, Frederick William	1888	Cambridge (1874) ..	B.A.
† PHILLIPPS, Herbert Tarlton ..	1905		B.Sc.
PHILLIPS, James Howard .. ..	1902		B.Sc.
PHILLIPS, Walter Ross .. ..	1883	Cambridge (1878) ..	LL.B.
PLUMMER, Violet May .. ..	{ 1893 1897	Melbourne (1897) ..	{ B.Sc. M.B.
POOLE, Dorothea Landon .. ..	1902		B.A.
POOLE, Frederick Slaney .. ..	1877	Cambridge (1875) ..	M.A.
POOLE, Henry John .. ..	1877	Oxford (1856) ..	M.A.
POULTON, Benjamin .. ..	1884	Melbourne (1883) ..	M.D.
POWELL, Henry Arthur .. ..	1891		M.B., B.S.
PRICE, Arthur Jennings .. ..	1890		LL.B.
PRIEST, Herbert James .. ..	{ 1902 1904		{ B.Sc. B.A.
† PUDDY, Maude Mary .. ..	1905		Mus. Bac.

## R.

RANDELL, Allan Elliott .. ..	1897	Melbourne (1897) ..	M.B., Ch.B.
RAWLINGS, Joseph Henry .. ..	1877	Edinburgh (1866) ..	M.D.
RAYNOR, Philip Edwin .. ..	1890	Oxford (1882) ..	M.A.
READ, Henry .. ..	1877	Cambridge ..	M.A.
REISSMANN, Charles Henry .. ..	1902	Cambridge (1902) ..	M.D.
* RENNEN, Friedrich Emil .. ..	1877	Jena (1847) ..	M.D.
* RENNICK, Francis Henry .. ..	1882	Melbourne (1880) ..	M.A.
RENNIE, Edward Henry .. ..	1885	London (1882) ..	D.Sc.
RICHARDS, Frederick William ..	1897	London (1896) ..	LL.D.
* RICHARDSON, Frank Joseph Webb	1893		B.Sc.
ROBERTSON, Joseph .. ..	1894	Sydney (1877) ..	M.A.
ROBERTSON, Lionel Joseph .. ..	1896		B.A.
† ROBERTSON, Thorburn Brailsford	1905		B.Sc.
ROBERTSON, William .. ..	1905	Melbourne (1882) ..	M.B.
† ROBINSON, Roy Lister .. ..	1903		B.Sc.
* ROBINSON, William George .. ..	1878		B.A.
ROBIN, Charles Ernest .. ..	1886		B.A.
ROBIN, Percy Ansell .. ..	{ 1880 1885	London (1885) ..	{ B.A. M.A.
ROGERS, Richard Sanders .. ..	{ 1891 1897 1899	Edinburgh (1887) ..	Ch.M.
		Edinburgh (1893) ..	M.D.
			M.A.

\* Deceased.

† Not yet Members of Senate.

ROWLEY, Frederick Pelham ..	1837		LL.B.
* RUSSELL, Alfred Edward James ..	1893		M.B., B.S.
RUSSELL, Herbert Henry Ernest ..	{ 1899 1905	Melbourne (1899) ..	M.B., Ch.B. M.D.
† RUSSELL, Robert Douglas ..	1905		M.B., B.S.

## S.

* SABINE, Clement Egbert Eppes ..	1884		LL.B.
SABINE, Ernest Maurice .. ..	1891		LL.B.
SALMOND, John William .. ..	1897	London (1887) ..	LL.B.
† SANDERS, Isabel Mary .. ..	1905		B.A.
SANGSTER, John Ikin .. ..	1893		M.B., B.S.
† SCHULZ, Adolf John .. ..	1905		B.A.
SCOTT, Andrew .. ..	1883	Melbourne (1881) ..	B.A.
SCOTT, Douglas Comyn .. ..	1888		LL.B.
† SCOTT, Malcolm Leslie .. ..	1904		M.B., B.S.
SEABROOK, Leonard Llewellyn ..	1891		M.B., B.S.
SEABROOK, Thomas Edward Fraser	1877	St. Andrews (1861)	M.D.
SEARLE, Frederick John .. ..	1902		B.A.
* SELLS, Alfred .. ..	1877	Cambridge (1847) ..	M.A.
SEWELL, Charles Edward .. ..	1886		LL.B.
SEWELL, Frank .. ..	1899		B.A.
SHANAHAN, Patrick Francis .. ..	1893		M.B., B.S.
SHARP, Cecil James .. ..	1882	Cambridge (1882) ..	B.A.
SHARP, William Hey .. ..	1877	Oxford (1871) ..	M.A.
† SHAW, James .. ..	1904		B.Sc.
SHIERLAW, Howard Alison .. ..	1902		LL.B.
* SHORT, Augustus .. ..	1877	Oxford (1826) ..	M.A.
SHUTER, Richard Ernest .. ..	1895	Melbourne (1891) ..	M.B.
SIMPSON, Henry Gordon Liddon ..	1896		LL.B.
SKIPPER, Stanley Herbert .. ..	1901		LL.B.
SMEATON, Bronte .. ..	1896		M.B., B.S.
SMEATON, Stirling .. ..	1889		B.A.
* SMITH, Arthur William .. ..	1877	London (1872) ..	M.D.
† SMITH, Frank .. ..	1903		B.Sc.
SMITH, Ida Gwendoline Viner ..	1902		B.A.
† SMITH, James .. ..	1905		LL.B.
SMITH, James Walter .. ..	1882	London (1856) ..	LL.D.
SMITH, Julian Augustus Romaine	1892		B.Sc.
SMITH, Sydney Talbot .. ..	1886	Cambridge (1884) ..	LL.B.
SMITH, William Ramsay .. ..	{ 1903 1904 1904	Edinburgh (1883) .. Edinburgh (1892) .. Adelaide ..	B.Sc. M.B. D.Sc.
† SMYTH, Isabel Agnes Ekin .. ..	1905		B.A.
SMYTH, John Thomas .. ..	1878	Melbourne (1874) ..	B.A.
SOLOMON, Isaac Herbert .. ..	{ 1895 1898		B.A. LL.B.

\* Deceased.

† Not yet Members of Senate.

SOLOMON, Judah Moss .. ..	{ 1888		P.A.
	{ 1891		LL.B.
SOLOMON, Susan Selina .. ..	1890		B.Sc.
SOUTER, John Francis .. ..	1897	Aberdeen (1889) ..	M.B.
SPEHR, Carl Louis .. ..	1895		LL.B.
SPICER, Edward Clark .. ..	1877	Melbourne (1877) ..	B.A.
STANFORD, William Bedell .. ..	1879	Oxford (1864) ..	M.A.
STEPHENS, Charles Francis .. ..	1897		B.Sc.
* STEWART, Robert .. ..	1886	Melbourne (1886) ..	M.D.
STIRLING, Edward Charles .. ..	{ 1877	Cambridge (1872) ..	M.A.
	{ 1882	Cambridge (1880) ..	M.D.
STIRLING, Sir John Lancelot .. ..	1877	Cambridge (1871) ..	LL.B.
† STOKES, Alfred Francis .. ..	1904		M.B., B.S.
† STOKES, Edward .. ..	1903		B.A.
STOW, Francis Leslie .. ..	1892		LL.B.
STUCKEY, Edward Joseph .. ..	{ 1895		B.Sc.
	{ 1903		M.B., B.S.
STUCKEY, Francis Seavinton .. ..	1896		B.Sc.
STUCKEY, Joseph James .. ..	1877	Cambridge (1864) ..	M.A.
STUCKEY, Rupert Bramwell .. ..	1898		LL.B.
* SUNTER, Joseph Tregilgas .. ..	1883	Melbourne (1880) ..	B.A.
SUTHERLAND, Archibald Cook .. ..	1889	Edinburgh (1865) ..	M.A.
* SUTHERLAND, George .. ..	1882	Melbourne (1879) ..	M.A.
† SWAN, Warren Alexander .. ..	1905		B.A.
SWIFT, Harry .. ..	1888	Cambridge (1887) ..	M.D.
* SYMON, William .. ..	1879	St. Andrews (1876)	M.A.
SYMONS, Mark Johnston .. ..	1885	Edinburgh (1878) ..	M.D.

T.

TENNYSON, Hallam, Baron .. ..	1900	Litt. D. Cambridge (1899)	LL.D.
* THOMAS, John Davies .. ..	1877	London (1871) ..	M.D.
THOMAS, Thomas Eggleston .. ..	1883	Melbourne (1881) ..	M.A.
THOMPSON, Thomas Alexander .. ..	1896		B.Sc.
TODD, Sir Charles .. ..	1886	Cambridge (1886) ..	M.A.
* TODMAN, James .. ..	1877	Edinburgh (1852) ..	M.D.
TOLLEY, Frank Gordon .. ..	1901	Cambridge (1889) ..	LL.B.
TORR, William George .. ..	1892	Dublin (1892) ..	LL.D.
TRATMAN, Frank .. ..	1899	London (1892) ..	M.D.
TREHY, Annie Louisa Virginia .. ..	1890		B.Sc.
TRELEAVEN, Walter .. ..	1893		B.Sc., M.A.
TRÜDINGER, Anna .. ..	1892		B.A.
† TRÜDINGER, Ronald .. ..	1905		B.Sc.
TRÜDINGER, Walter .. ..	1892		B.A.
* TUCKER, William Alfred Edgecumbe	1885		B.A., LL.B.
TUCKWELL, Ernest Sinclair .. ..	1902		B.A.
† TYAS, Margaret Elizabeth .. ..	1905	London (1905) ..	B.Sc.

\* Deceased.

† Not yet Members of Senate.

## U.

UPTON, Henry .. .. 1888 LL.B.

## V.

\* VARLEY, Charles Grant .. .. 1884 LL.B.  
 VAUGHAN, John Howard .. .. 1900 LL.B.  
 VERCO, Clement Armour .. .. 1902 Sydney (1901) .. M.B., Ch.M.  
 VERCO, Joseph Cooke' .. .. 1877 London (1876) .. M.D.  
 VERCO, Sydney Manton .. .. 1901 Sydney (1900) .. M.B.  
 VERCO, William Alfred .. .. 1890 .. M.B., B.S.  
 \* VON TREUER, Adolph .. .. 1877 Dorpat (1844) .. LL.B.

## W.

\* WADEY, Walter Henry .. .. 1894 LL.B.  
 WAINWRIGHT, Edward Harley .. 1883 London (1878) .. B.Sc.  
 WAINWRIGHT, Charles Leonard .. 1900 .. B.Sc.  
 WALE, William Henry .. .. 1896 Oxford (1874) ... Mus. Bac.  
 H.R.H. THE PRINCE OF WALES .. 1901 D.C.L., Oxford ..  
 LL.D., Cambridge  
 (1894) .. .. LL.D.  
 WALKER, Daniel .. .. 1887 .. B.Sc.  
 WALKER, Ellen Lawson .. .. 1899 .. B.Sc.  
 \* WALKER, William John .. .. 1885 .. B.A.  
 † WALTON, Gertrude Mary .. .. 1904 .. B.A.  
 † WARD, John Frederick .. .. 1903 .. B.A.  
 WARREN, Thomas Hogarth .. .. 1889 .. LL.B.  
 WATSON, Archibald .. .. 1885 Paris and Göttingen (1880) .. M.D.  
 \* WAY, Edward Willis .. .. 1877 Edinburgh (1871) .. M.B.  
 WAY, The Right Hon Sir Samuel James (Bart).. .. 1892 D.C.L., Oxford (1891) LL.D.  
 WEBB, Noel Augustin .. .. 1886 .. LL.B.  
 WEBB, Robert Bennett .. .. 1877 Oxford (1869) .. M.A.  
 WEHRSTEDT, Walter Franz .. .. 1899 .. B.A.  
 WELD, Elizabeth Eleanor .. .. 1901 Melbourne (1901) .. M.B.  
 \* WELD, Octavius .. .. 1877 Toronto (1866) .. B.A.  
 WELLS, Clement Victor .. .. 1902 .. M.B., B.S.  
 WEST, Arthur George Bainbridge .. 1897 Oxford (1892) .. M.A.  
 † WEST, Gordon Roy .. .. 1904 .. B.Sc.  
 WEST, Reginald Arthur .. .. 1902 .. B.A.  
 \* WEST-ERSKINE, William Alexander Erskine .. .. 1877 Oxford (1864) .. M.A.  
 WHEATLEY, Frederick William .. { 1890 .. B.Sc.  
 { 1904 .. B.A.  
 WHEELER, Alfred .. .. 1904 Cambridge ( ) .. M.A.  
 † WHITHAM, Annie Beatrice .. .. 1905 .. B.A.

\* Deceased.

† Not yet Members of Senate.

STUDENTS WHO HAVE OBTAINED FINAL CERTIFICATE IN LAW. 43

WHITTINGTON, Bertram .. ..	1899		B.Sc.
WHITTINGTON, Frederick Taylor ..	1886		LL.B.
* WHITTELL, Horatio Thomas .. ..	1877	Aberdeen (1858) ..	M.D.
WILKINSON, Frederick William ..	1884		B.A.
† WILKS, Vida Alice .. ..	1904		B.A.
* WILLIAMS, Francis .. ..	1877	Oxford (1860) ..	M.A.
† WILLIAMS, Frank Laurie .. ..	1905		LL.B.
WILLIAMS, Matthew .. ..	1887		B.A.
† WINWOOD, Susan Ann .. ..	1904		Mus. Bac.
WILSON, Charles Ernest Cameron	1900	Melbourne (1899) ..	M.B.
WILSON, James Beith .. ..	1896		B.A.
WILSON, Thomas George .. ..	1904	Sydney (1904) ..	M.D.
WILTON, John Raymond .. ..	1903		B.Sc.
WOOD, Montague Couch .. ..	1888	Oxford (1880) ..	M.A.
WOODS, John Crawford .. ..	1877	Edinburgh (1843) ..	B.A.
WOOLNOUGH, Walter George .. ..	1904	Sydney (1904) ..	D.Sc.
WORTHINGTON, Thomas .. ..	1898	Cambridge ..	M.A.
WRIGHT, Charlotte Elizabeth Arabella	1888		B.A.
WRIGHT, Lewis Garner .. ..	1891		LL.B.
WRIXON, Sir Henry John .. ..	1901	Dublin ..	M.A.
WYLLIE, Alexander .. ..	{ 1888		B.A.
	{ 1891		B.Sc.

Y.

YOUNG, Aretas Charles William ..	1883	Oxford (1871) ..	B.A.
YOUNG, David Hastings .. ..	1894	Edinburgh ..	M.B.
YOUNG, Frederick William .. ..	1897		LL.B.
YOUNG, William John .. ..	1883	Dublin (1882) ..	M.A.

**List of students in Law who have obtained the Final Certificate.**

ANDREWS, Walter Frederick .. ..	1888
ASHTON, Edward James Wilberforce ..	1896
ATKINSON, Alfred Harris Owst .. ..	1900
BENNY, Benjamin .. ..	1891
BERRY, George Augustus .. ..	1887
* BERTRAM, Robert Matthew .. ..	1888
BRAY, Cecil Thomas .. ..	1900
BRIGHT, William Stuart .. ..	1904
CASTLE, Gordon Harwood .. ..	1885
CAVENAGH, James Gordon .. ..	1870
DOWNER, Frank Hagger .. ..	1886
DRIFFIELD, George Carus .. ..	1889
DURSTON, Sidney Bridle .. ..	1889

\* Deceased.

† Not yet Members of Senate.



44 STUDENTS WHO HAVE OBTAINED FINAL CERTIFICATE IN LAW.

FLEMING, Stanley Hugh	..	..	..	..	..	1902
FOSTER, Henry Edgar	..	..	..	..	..	1889
* FOX, John Henry	..	..	..	..	..	1895
GOLDSWORTHY, William Beazley	..	..	..	..	..	1903
* GREER, George Andrew	..	..	..	..	..	1889
GWYNNE, Ilsted Gordon	..	..	..	..	..	1891
HAGUE, Percy	..	..	..	..	..	1897
* HAMP, John Chipp	..	..	..	..	..	1887
HARGRAVE, Charles Townshend	..	..	..	..	..	1904
HARGRAVE, Joshua Addison	..	..	..	..	..	1890
HESELTINE, Samuel Richard	..	..	..	..	..	1903
HILL, Henry Richard	..	..	..	..	..	1887
HILL, Herbert Edward	..	..	..	..	..	1893
HOMBURG, Hermann	..	..	..	..	..	1896
HOMBURG, Robert	..	..	..	..	..	1897
JAMES, Alfred Charles	..	..	..	..	..	1899
JOHNSON, James Howard	..	..	..	..	..	1900
JOYNER, Frederick Allen	..	..	..	..	..	1885
KEATS, Frederick Phillips	..	..	..	..	..	1900
KENNEDY, Donald Angus	..	..	..	..	..	1904
LITTLE, Egbert Percy Graham	..	..	..	..	..	1893
McEWIN, George	..	..	..	..	..	1897
McLACHLAN, Alexander John	..	..	..	..	..	1894
MICHELL, George Francis	..	..	..	..	..	1888
MOULDEN, Frank Beaumont	..	..	..	..	..	1895
NESBIT, Reginald George	..	..	..	..	..	1900
NICHOLLS, Theodore Henry	..	..	..	..	..	1900
PENNY, Clifton Raymond	..	..	..	..	..	1893
ROUNSEVELL, Horace Vernon	..	..	..	..	..	1888
ROWLEY, Spencer Toler	..	..	..	..	..	1888
SHEPHERD, Joseph Scoresby	..	..	..	..	..	1890
STOCKDALE, William John	..	..	..	..	..	1889
STUART, Walter Leslie	..	..	..	..	..	1906
SUPPLE, Charles Joseph	..	..	..	..	..	1901
* TAYLOR, Harry Braithwaite	..	..	..	..	..	1886
TENNANT, Frederick Augustus	..	..	..	..	..	1899
VANDENBERGH, William John	..	..	..	..	..	1896
VON BERTOUGH, Rupert Paul Albrecht	..	..	..	..	..	1892
VON DOUSSA, Stanley Bowman	..	..	..	..	..	1901
* WADEY, Walter Henry	..	..	..	..	..	1892
WARD, Henry Torrens	..	..	..	..	..	1900
WEAVER, Alfred Charles	..	..	..	..	..	1903
WHITBY, Percy Edward Robert	..	..	..	..	..	1891
WIGLEY, Henry Vandeleur	..	..	..	..	..	1890
WINNALL, John Edward Hyde	..	..	..	..	..	1893
WOOLDRIDGE, William Phillips	..	..	..	..	..	1894
WRIGHT, Charles Joseph Harvey	..	..	..	..	..	1883

\* Deceased.

**Associates in Music.**

BRUGGEMANN, Martha Dorothy .. .. .	1904
DAVY, Ruby Claudia Emily .. .. .	1903
HANTKE, Ethel Hilda Hedwig .. .. .	1902
HILLS, Walter Bedford .. .. .	1904
JOYCE, Kate .. .. .	1904
MANNING, Hilda Mahala .. .. .	1902
KEMP, Marion Kirkwood .. .. .	1903
PARKINSON, Charlotte Ethel Violet .. .. .	1901
PHIPPS, Charlotte Lucy Barkwell .. .. .	1905
PUDDY, Maude Mary .. .. .	1900
RUDEMANN, Elsa Wilhelmine .. .. .	1903
SAYERS, Alice Mabel.. .. .	1901
SPEHR, Francesca .. .. .	1901
WHILLAS, Helen May .. .. .	1901

**Diploma in Mining Engineering and Metallurgy**

BELL, Willoughby George, B.Sc. .. .. .	1903
CLARK, Archie Septimus, B.Sc. . . . .	1902
CLELAND, William Lauder, B.Sc. .. .. .	1905
CONNOR, Julian Dove, B.Sc. . . . .	1902
FAIRWEATHER, Andrew, B.Sc. .. .. .	1904
GARDINER, Beauchamp Lennox, B.Sc. .. .. .	1904
GREENWAY, Thomas Charles, B.Sc. .. .. .	1904
HESELTINE, Frederick Augustus, B.Sc. .. .. .	1905
JUELLE, Lester Maurice Wolf, B.Sc. .. .. .	1905
LANGDON, Reginald Yorke, B.Sc. .. .. .	1905
MCARTHUR, David William Stanley, B.Sc. .. .. .	1904
MOORE, Bertie Harcourt, B.Sc. .. .. .	1904
PATON, Adolph Ernest, B.Sc. .. .. .	1902
WAINWRIGHT, Charles Leonard, B.Sc. .. .. .	1905
WHITINGTON, Bertram, B.Sc. .. .. .	1901

**Diploma in Electric Engineering.**

CHAPPLE, Ernest, B.Sc. .. .. .	1904
--------------------------------	------

**Diploma in Applied Science.**

## MINING ENGINEERING.

ROBINSON, Roy Lister, B.Sc. .. .. .	1904
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## LIST OF STUDENTS, 1905.

## UNDERGRADUATE STUDENTS—SESSION 1905.

## LL.B. DEGREE.

Akhurst, Adrian	Lake, Clement William Hingston
Bakewell, William Kenneth	Latty, Claude Percival
Boucant, George Hiles	KcKenzie, Charles Norman
Bray, Marmion Matthews	MacIennan, James Sydney Kilcoy
Browne, Thomas John	Martin, John Claude
Campbell, James Way, B.A.	Mitchell, Harold Flinders
Colville, Arthur Landseer	Muirhead, Henry Mortimer
Cowan, George Dalrymple	Nootnagel, Albert Herman
Cox, Edwin Baxter	Penny, Bertram Stephens
Dempster, William Frederick	Phillips, Earnest
Denny, William Joseph	Ray, Walter Vernon
Doudy, Cecil Roy	Reid, Walter Gliddon
Hargrave, Nathaniel John	Ronald, Stuart Douglas
Haslam, Leslie Horrocks	Rudall, Reginald John
Henderson, William, B.A.	Smith, Francis Villeneuve
Heseltine, Samuel Richard	Smith, James
Holland, William Corin	Wallman, Reginald Horton
Homburg, John	Watkins, Charles Thomas
Jeffries, Shirley Williams	Williams, Frank Laurie
Jessop, Charles Lewis	Young, Horace George
Kelly, Francis	

## M.B. AND B.S. DEGREES.

Baylis, Ellis Ladbury	Goode, Reginald Alfred
Betts, Lionel Oxborrow	Griffiths, Ernest William
Brady, Albert Edward	Harvey, Gilbert Aberdein
Brummitt, Robert Douglas	Hunn, William Morgan
Burnard, Eulalie Hardy Hanton	Jacob, Melliar Phelps
Catchlove, Sydney George Leyland	Jay, Hubert Melville
Cherry, Percival Thomas Spower	Jeffries, Lewis Wibmer
Cowan, Darcy Rivers Warren	Jona, Judah Leon
Curtis, Albert	Lewis, Eric Henry
Dawson, Dean	McAree, Francis Edward
Delprat, Elizabeth Theodora Johanna Stoffelina	McAree, John Victor
Delprat, Mary Johanna Alberta Theodora	McGlashan, John Eric
Donnelly, Thomas Hugh	Magarey, Archibald Campbell
Drew, William Alfred Vernon	Moffatt, May Josephine
Erichsen, Matthias	Moulden, Owen Meredith
Everard, James Edward	Muirhead, John Robb
Fleming, Thomas Gordon	O'Grady, John James
Frayne, Ernest John	Parkhouse, Devon
George, Mildred May	Pellew, Leonard James
	Pitcher, Cyril Frederick
	Plummer, Rex Garnet

Poole, Frederic St. John  
 Ray, William, jun.  
 Russell, Ernest Albert Harold  
 Russell, Walter Henry  
 Shierlaw, Norman Craig  
 Sinclair, William Malcolm  
 Sprod, Milo Weeks

Steele, David Macdonald  
 Stevenson, Walter Hunter  
 Trüdingen, Ronald  
 Verco, Reginald John  
 Weidenbach, Arnold  
 West, Gordon Roy  
 Yeatman, Charleton

## B.A. DEGREE.

Adams, Ernest Matthew  
 Adey, William James  
 Angas, Barbara  
 Armitage, Henry James  
 Arthur, John Andrew  
 Ash, Arthur Louis  
 Baker, William  
 Barbary, William John  
 Barbour, Graemme Madowal  
 Barnes, Joseph Thomas  
 Bartholomaeus, Edmund Stanley  
 Bednall, William Kendall  
 Bennett, Frederick Norman  
 Bennett, Richard William, LL.B.  
 Bickers, Muriel Beatrix  
 Bradley, Catherine Forster  
 Burgess, Annie Frances  
 Burgess, May, B.Sc.  
 Büring, Albert Gustav Adolph  
 Büring, Antoinette Hermine  
 Burnell, Reginald George  
 Butler, Francis James  
 Byrne, Sylvester Patrick  
 Campbell, Gordon Cathcart  
 Campbell, Jessie  
 Charlton, Charles  
 Churchward, Stella Mary, B.Sc.  
 Clark, Percy John  
 Claughton, Eva Beatrice Annie  
 Claughton, Olive Ruby May  
 Clucas, Robert John Miller  
 Cole, Mignonette  
 Coles, Thomas William  
 Comley, Charles Herbert  
 Comley, Edith May  
 Cowan, Robert Francis  
 Cudmore, Collier Robert  
 Darwin, Lisle Julius  
 Davidge, James Leonard  
 Davidson, Roy Laidlaw  
 Davies, Clive Runnalls  
 Davis, David  
 Dodwell, George Frederick

Driscoll, Hilda Marion  
 Drummond, Euphemia Gibb  
 Dunlevie, Nellie Emily  
 Eardley, Frederick William  
 Edwards, Leslie  
 Ellis, Arthur Benjamin  
 Farsky, Hilda Gesina Franziska  
 Finch, Daisy Violet  
 Finch, Emily Olive  
 Finlayson, Ronald Nickels, LL.B.  
 Fisher, William James  
 Flett, Frances Marion  
 Flett, Maggie Gertrude  
 Francis, Aaron Eustace  
 Freeman, Isabella  
 Fullarton, John Ritchie  
 Furner, Annie Blanche  
 Galvin, Thomas Bernard  
 Gardner, Edith Josephine  
 Garton, Mary May  
 Gartrell, Eva Lavinia  
 Gelston, Hedley Ringrose  
 George, Hilda Constance  
 Giles, Nigel Stuart  
 Giles, Olive Abbott  
 Gold, James Stephen  
 Goldsworthy, Ottho Eric  
 Goudie, William Stafford  
 Gratton, Francis Lymer  
 Ham, William  
 Hamence, Elsie Emily Stuart  
 Harkness, Robert  
 Harris, Ernest  
 Harry, John  
 Hartley, Thomas Jeffrey  
 Haslam, Joseph Auburn, B.Sc.  
 Heyne, Laura Olga Hedwig  
 Hill, Hilda Mary  
 Hitchcox, Richmond Thomas  
 Holder, Eric James Roby  
 Holder, Sophia Ellen  
 Holland, Charlotte Annie  
 Hollidge, Annie Florence

- Hosking, Herbert Clifton  
 Hübbe, Edith Ulrica  
 Hutley, Walter Fritz Stephen  
 Hyett, Margaret Jane  
 Hynes, Patrick Joseph  
 Ingamells, Dora  
 Ingamells, Eric Marfleet  
 Isaachsen, Oscar Lionel  
 Jackson, Lawrence Stanley  
 Jacobs, Isaac  
 Jansen, Gustav Hermann  
 Jenner, Charles James  
 Keyes, Herbert John  
 Kinnish, William John  
 Kinnish, Mary Tabitha  
 Kleeman, William Hurtle  
 Klose, John Emil Alfred  
 Kuchel, Carl Wilhelm August  
 Langman, Mary Lillecrapp  
 Leggoe, Myra Minnette  
 Ligertwood, George Coutts  
 Limbert, Bertha Margaret  
 Limbert Edward Claude William  
     Harvey  
 Lipsham, Kate Caroline  
 Lipsham, Margaret, B.A.  
 Loveridge, Lillian Constance  
 McKelvie, Janet  
 McLeod, Annie  
 McNamara, David James  
 Makeham, Edward  
 Manning, Arabella Aldersey  
 Marshall, Bret Olcott  
 Martin, William Thomas  
 Mayo, George Elton  
 Mears, Montford Davis  
 Menkens, Muriel Perth  
 Menzie, Duncan  
 Miethke, Adelaide Laetitia  
 Miethke, Edith Esther  
 Miller, Raymond Orlando Maurice  
 Mitchell, Percival Harris  
 Mitchell, William Stanley  
 Mitton, Ernest Gladstone  
 Moncrieff, Josephine Hartley  
 Monk, Verona Gladys  
 Morgan, Robert John  
 Moyes, John  
 Moyes, John Stoward  
 Muirden, William  
 Murphy, Evangeline  
 Nadebaum Rudolph Oertel  
 Nancarrow, Ewart Henry Beaumont  
 Neale, Alfred Hillary  
 Neale, Ernest Hillary William  
 Oborn, Herbert Russell  
 Oborn, John Stuart Russell  
 Ogden, Olive Isabel  
 Okely, Christopher Carl  
 Orr, George Edgar  
 Patchell, Mary Emma  
 Pearson, Henry Ernest  
 Pitt, Arthur William  
 Possingham, Alfred Harold  
 Proud, Emily Dorothea  
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 Rischbieth, Oswald  
 Rofe, Herbert Henry  
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 Russack, Frederick William  
 Sanders, Hilary Frances Sheldon  
 Sanders, Isabel Mary  
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 Sharp, Walter Roy Germein  
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 Smyth, Isabel Agnes Ekin  
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 Stolz, Sabina Bertha  
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 Twiss, William Newman  
 Viney, Horace George  
 Vollprecht, Alexander August  
 Von Bertouch, Victor  
 Wainwright, William  
 Watson, Percival  
 Webb, Arthur Stanley  
 Webber, Cecil Victor  
 West, Reginald Arthur, B.A.  
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 Whittington, Arthur Onslow  
 Williams, Eirene Mary  
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 Williams, Mabel Evangeline  
 Woolnough, Harold  
 Worsnop, Elsie Madeline  
 Young, Alfred Howard

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 Birks, Walter Richard  
 Bonnin, Frederick George  
 Bonnin, Irene Gertrude Hiller  
 Bowen, Harold Charles  
 Brockman, Geoffrey Drake  
 Buckley, Emma Albani  
 Burgess, Leslie Frank  
 Brady, Ellen  
 Brooks, George Vickery  
 Campbell, Neil  
 Chapman, Charles Eustace  
 Cleland, William Lauder  
 Cocking, Ernest Lisle  
 Collins, Arnold William  
 Cowan, Leslie Thompson  
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 Darwin, Lisle Julius  
 Deeney, John Chrysostom  
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 Edquist, Alfred George  
 Edwards, Norman Holehouse  
 Ellis, Annie Rita  
 Ellis, Frank  
 Fry, Henry Kerneth  
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 Gilbert, Joseph  
 Gill, Lancelot Waring  
 Gray, William Watt Erskine  
 Greenway, Harold

Hamilton, Anthony  
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 Lloyd, Arthur Benjamin  
 Martin, Victor Garfield  
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 Moore, George Douglas  
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 Neuenkirchen, Herman Adolf  
 Heinrich  
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 Reynell, Walter Rupert  
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 Tassie, Robert Wilson  
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 Anderson, Reginald Hamp  
 Annells, Arthur Gladstone  
 Annells, Herbert Edward  
 Asher, Rudolph  
 Ashhurst, Amelia Elizabeth  
 Badger, David Magnus  
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 Ball, Arthur Hugh  
 Bannigan, Lionel Edward  
 Barbour, Peter  
 Barry, William Michael Lawrence  
 Bayly, Edward Benjamin  
 Beare, Edward Mitchell  
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 Bennett, Frank Norman  
 Bennett, Joseph Henry  
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 Black, Arthur Laughton  
 Blades, Walter Herbert  
 Both, James Alexander  
 Boerke, Gustav Hermann Gotthold  
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 Bottrill, Clara Alice  
 Bowes, Stanley Edgar  
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 Brady, Michael Ignatius  
 Bray, Clifford Samuel  
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 Bronner, Louis  
 Brooker, Harry Hill  
 Brookman, John Ragless  
 Bruce, Harold Baines  
 Burgess, John Howard  
 Burner, Ernest Charles  
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 Cater, Charles George Brockis  
 Cherry, William Herbert  
 Chittleborough, Godfrey  
 Comley, Reginald  
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 Cotton, Robert Harold  
 Cowell, Francis Henry, B.A.  
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 Dale, Frank  
 Davidson, Elsie Millner  
 Davies, Percy Hamilton  
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 DeMole, Evelyn Annie  
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 Disher, Ralph Ernest  
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 Harry, Herbert Richard  
 Harry, Reginald Freeman  
 Hartnett, Thomas  
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 Koschale, Theophil  
 Krüger, Edgar Albert  
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 Melbourne, Dugald Archibald  
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 Milne, Alexander  
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 Nevin, Thomas  
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Polson, George Taylor  
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 Sheppard, Bernard Aubrey  
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THE CHAIRMAN OF THE BOARD OF MUSICAL STUDIES.

## Endowments.

Date.	Donor.	Amount.	Object.
		£	
1872	Sir W. W. Hughes ..	20,000	Endowment of Chairs in Classics and English Literature.
1874	Sir Thos. Elder ..	20,000	Endowment of Chairs in Mathematics and Natural Science.
1878	Hon. J. H. Angas ..	4,000	To found an Engineering Scholarship.
1879	South Australian Commercial Travellers' Association	150	To found a Scholarship (Commercial Travellers).
1880	Public Subscriptions ..	500	To found Scholarships for English Literature in Memory of John Howard Clark.
1882-06	Sir Thos. Elder ..	260	Prizes for Physiology.
1883	Sir Thos. Elder ..	10,000	Endowment of a Medical School.
1883	Public Subscriptions ..	500	For Prizes and Scholarship in Memory of Mr. Justice Stow.
1884	Hon. J. H. Angas ..	6,000	Endowment of a Chair of Chemistry.
1884-89	Sir Thos. Elder ..	{ 1,500 1,150 }	In support of Chair of Music.
"	Private Subscriptions ..		
1884	Sir Thos. Elder ..	{ 1,000 220 }	Endowment of Evening Classes.
"	Literary Societies' Union		
1886	Public Subscriptions ..	800	Endowment of Lectureship on Ophthalmic Surgery in Memory of Dr. Chas. Gosse.
1888-89	Sir Thos. Elder ..	1,000	To enable the Council to establish full Medical curriculum.
1890	W. Everard, Esq. ..	1,000	To found a Scholarship (The Everard Scholarship in Medicine).
1890	St. Alban Lodge of Free and Accepted Masons	150	To found the St. Alban Scholarship.
1895	Public Subscriptions ..	160	To found a Scholarship in Memory of the Rev. W. Roby Fletcher.
1896	Mrs. Davies Thomas ..	400	To found Scholarships in Memory of Dr. John Davies Thomas.
1897	Sir Thos. Elder ..	20,000	Endowment of School of Medicine.
1897	Sir Thos. Elder ..	20,000	Endowment of School of Music.
1897	Sir Thos. Elder ..	25 000	Endowment for general purposes.
1898	Public Subscriptions ..	600	To found Studentships in Memory of John Anderson Hartley.

ENDOWMENTS—*continued.*

Date.	Donor.	Amount.	Object.
1900	Public Subscriptions ..	£ 600	For general purposes.
	His Excellency Lord Tennyson	100	To provide Medals for English Literature in the Junior, Senior, and Higher Public Examinations.
1900	Trustees of Robert Whinham Fund	84 9 6	To provide for the Robert Whinham prize for Elocution in the Elder Conservatorium
1902	Public Subscriptions ...	463 9 3	Endowment of Lectureship on Gynaecology in memory of Dr. Edward Willis Way.
—	Public Subscriptions ...	60 0 0	To provide a Medal for Geological work in memory of Professor Ralph Tate.
1903	Joseph Fisher, Esq. ..	1,000	To provide Fisher Medal in Commerce for course for Advanced Commercial Certificate and for the Fisher Lecture in Commerce

Donations.

Date.	Donor.	Amount.	Object.
1892-1904	R. Barr Smith, Esq. ...	£ 7,000 0 0	For purchase of books for University Library.
1903	R. Barr Smith, Esq. ...	500 0 0	For purchase of Apparatus.
1904	Chamber of Commerce	25 0 0	For the purposes of the Board of Commercial Studies
1905	“ “	25 0	Ditto
1903	John Shiels, Esq. ...	3 3 0	Ditto
1905	Pharmaceutical Society of South Australia ..	7 7 0	General purposes

# STATUTES.

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## **Chapter I.—Of the Chancellor and Vice-Chancellor.**

1. The Chancellor shall hold office until the ninth day of November in the fifth year from the date of his election.
  2. The Vice-Chancellor shall hold office until the day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor.
- 

## **Chapter II.—Of the Council.**

1. The Council shall meet for the dispatch of business at least once a month.
  2. The Chancellor or Vice-Chancellor shall have power to call a Special Meeting for the consideration and dispatch of business, which either may wish to submit to the Council.
  3. The Chancellor or Vice-Chancellor, or in their absence the Registrar shall convene a meeting of the Council upon the written requisition of four members, and such requisition shall set forth the objects for which the meeting is required to be convened. The meeting shall be held within fourteen days after the receipt of the requisition.
  4. The Council shall have power to make, amend, and repeal Standing Orders for the regulation of its proceedings.
- 

## **Chapter III.—Of the Senate.**

1. The Senate shall meet at the University on the fourth Wednesday in the months of March, July, and November respectively; but if the Warden is of opinion that there is not sufficient business to bring before the Senate, he may direct notice to be issued that the meeting shall for that time lapse.
2. The Warden may at any time convene a meeting of the Senate.
3. Upon a requisition signed by twenty members of the Senate, setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a Special Meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

4. The Senate shall have power from time to time to make, amend and repeal Standing Orders for the regulation of its proceedings. Until amended or repealed the Standing Orders of the Senate adopted on the 2nd December, 1885, shall remain in force.

#### Chapter IV.—Of Professors and Lecturers.

1. There shall for the present be the following Professors, that is to say
  - a. The Hughes Professor of Classics and Comparative Philology and Literature.
  - b. The Hughes Professor of English Language and Literature and Mental and Moral Philosophy.
  - c. The Elder Professor of Pure and Applied Mathematics, who shall also give instruction in Physics.
  - d. The Elder Professor of Natural Science.
  - e. The Elder Professor of Anatomy, who shall also give instruction in Comparative Anatomy, shall be the Director of the Anatomical Museum, and shall prepare specimens of Anatomy, Pathology, and Microscopic Anatomy for the same.
  - f. The Angas Professor of Chemistry, who shall be the Director of the Chemical Laboratory, shall conduct classes in Practical Analysis, and shall, if required, give special instruction in the various methods employed in the detection of poisons and in the adulteration of foods and drugs. Nothing contained in these Statutes shall prevent the Angas Professor of Chemistry from accepting any public appointment, with the sanction of the Council.
  - \*g. The Elder Professor of Music.
  - †h. The Professor of Laws.
  - ‡i. The Professor of Physiology.
  - ‡j. The Professor of Modern History and English Language and Literature.

2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.

3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.

4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer from performing the duties of his office, the

\* Allowed January 28, 1898.

† Allowed June 11, 1890.

‡ Allowed April 11, 1900.



Council may appoint a substitute to act in his stead during such incapacity, and such substitute shall receive such proportion not exceeding one-half of the salary of the Professor or Lecturer so incapacitated as the Council shall direct.

5. The Council may at its discretion dismiss from his office or suspend for a time from performing the duties and receiving the salary thereof any Professor whose continuance in his office or in the performance of the duties thereof shall in the opinion of the Council be injurious to the progress of the students or to the interests of the University: Provided that no such dismissal shall have effect until confirmed by the Visitor.

6. No Professor shall sit in Parliament or become a member of any political association; nor shall he (without the sanction of the Council) give private instruction or deliver lectures to persons not being students of the University.

7. The Professors and Lecturers shall take such part in the University Examinations as the Council shall direct, but no Professor or Lecturer shall be required to examine in any subject which it is not his duty to teach.

8. During Term, except on Sundays and public holidays, the whole time of the Professors shall be at the disposal of the Council for the purposes of the University: Provided that the Council may for sufficient reason, on the application of any Professor, exempt him altogether, partly, or on particular occasions, from this Statute, and may at pleasure rescind any such exemption.\*

*\* The second clause of Section 8 was allowed June 11, 1890.*

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#### **Chapter V.—Of the Registrar.**

1. There shall be a Registrar of the University, who shall perform such duties as the Council may from time to time appoint.†

2. The Council may at any time appoint a deputy to act in the place of the Registrar for such period as they may think fit, and assign to him any of the duties of Registrar.

*† Allowed 18th September, 1900.*

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#### **Chapter VI.—Of Leave of Absence.**

1. The Council may at its discretion grant to any Professor or Lecturer, or any officer of the University, leave of absence for any time not exceeding one year, on such Professor or Lecturer or other officer providing a substitute, to be approved by the Council.

### Chapter VII.—Of the Seal of the University.

The Chancellor and Vice-Chancellor shall be the Custodians of the University Seal which shall be affixed to documents only at a meeting of the Council and by the direction thereof.

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### Chapter VIII.—Of Terms.

\*1. The Academical Year shall be divided into three terms for all the Faculties.

2. The first term shall commence on the second Tuesday in March, and the third term shall terminate on the second Tuesday in December in each year.

3. The Council shall year by year fix the commencement of the second and third and the termination of the first and second terms, and there shall be two vacations of a fortnight each during the Academical Year.

\* Allowed 3rd December, 1902.

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### Chapter IX.—Of Matriculation and Degrees.

1. Every person not being less than sixteen years of age who has complied with the conditions for admission to the course of study for a degree in the Faculty in which he proposes to become a student, and who in the presence of the Registrar or other duly appointed person signs his name in the University Roll Book to the following declaration shall thereby become a Matriculated Student of the University. The declaration shall be in the following form :

“I do solemnly promise that I will faithfully obey the Statutes and Regulations of the University of Adelaide so far as they may apply to me, and that I will submit respectfully to the constituted authorities of the said University, and I declare that I believe myself to have attained the full age of sixteen years.”

2. Students who shall have fulfilled all the conditions prescribed by the Statutes and Regulations for any Degree may be admitted to that Degree at a meeting of the Council and Senate, to be held at such time as the Council shall determine.

3. Any person who has been admitted to a Degree in any University recognized by the University of Adelaide, may be admitted *ad eundem gradum* in the University of Adelaide.

4. Every candidate for admission to a Degree in the University shall be presented by the Dean of his Faculty; but candidates may be admitted *in absentia* with the permission of the Council.

5. Persons who have completed the whole or part of their undergraduate course in any University or College of a University recognised by the University of Adelaide, may with the permission of the Council be admitted *ad eundem statum* in the University of Adelaide.

6. The following shall be the forms of Presentation for Admission to Degrees:

Form of Presentation for Students of the University of Adelaide.

Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council and Senate of the University of Adelaide.

I present to you \_\_\_\_\_ as a fit and proper person to be admitted to the Degree of \_\_\_\_\_ . And I certify to you and to the whole University that he has fulfilled the conditions prescribed for admission to that Degree.

Form of Presentation for Graduates of other Universities.

Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council and Senate of the University of Adelaide.

I present to you \_\_\_\_\_ who has been admitted to the Degree of \_\_\_\_\_ in the University of \_\_\_\_\_ as a fit and proper person to be admitted to the rank and privileges of that degree in the University of Adelaide.

Form of Admission to any Degree.

By virtue of the authority committed to me, I admit you \_\_\_\_\_ to the rank and privileges of a \_\_\_\_\_ in the University of Adelaide.

Form of Admission to any Degree during the Absence of the Candidate.

By virtue of the authority committed to me, I admit in his absence from South Australia \_\_\_\_\_ to the rank and privileges of a \_\_\_\_\_ in the University of Adelaide.

**Chapter X.—Of the Faculties.**

- \*1. There shall be Faculties of Arts, Science, Law, Medicine, and Music.
- \*2. (a) The Faculty of Arts shall consist of the Chancellor and Vice-Chancellor, the Professors and Lecturers in Greek, Latin, English Language and Literature, French, German, History, Economics, Mental and Moral Science, the Professor of Mathematics, and the Dean of the Faculty of Science, and, to be appointed annually by the Council, three members of the Council, and one member, or if the Professor of Mathematics be Dean, then two members of the Faculty of Science.
- (b) The Faculty of Law shall consist of the Chancellor and Vice-Chancellor, of all members of the Council who are Judges of the Supreme Court, the Professors and Lecturers in Law, the Professor of Classics, and the Dean of the Faculty of Arts, and, to be appointed annually by the Council, three members of the Council, and one member, or if the Professor of Classics be Dean, then two members of the Faculty of Arts.
- (c) Each of the other Faculties shall consist of the Chancellor and Vice-Chancellor, the Professors and Lecturers in the subjects of the Course of the Faculty, and to be appointed annually by the Council, three other members of the Council.
- (d) The Council may appoint any other persons to be members of a Faculty, either temporarily or otherwise.
3. Each Faculty shall advise the Council on all questions touching the studies, lectures, and examinations in the Course of the Faculty.
4. Each Faculty shall annually elect one of their number to be Dean of the Faculty.
5. The Dean of each Faculty shall perform such duties as shall from time to time be prescribed by the Council and (amongst others) the following :—
- a. He shall, at his own discretion, or on the written request of the Chancellor or Vice-Chancellor, or of two members of the Faculty, convene meetings of the Faculty.
  - b. He shall preside at all meetings of the Faculty at which he shall be present.
  - c. Subject to the control of the Faculty he shall exercise a general superintendence over its administrative business.

6. When the Dean is absent from a meeting; the Faculty shall elect a Chairman for that occasion.

7. The Board of Examiners in the subjects of the Course of each Faculty shall consist of the Professors and Lecturers in those subjects, together with such Examiners as may be appointed by the Council.

8. The appointment of examiners in Law in the subjects necessary for admission to the Bar shall be subject to approval by the Judges of the Supreme Court.

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### **Chapter XI.—Of the Board of Musical Studies.**

1. There shall be a Board of Musical Studies, consisting of the Chancellor and Vice-Chancellor, three members of the Council to be annually appointed by the Council, and the Director of the Elder Conservatorium. The Council may also annually appoint other persons, not exceeding five, to be members of the Board.

2. The Board shall advise the Council upon all questions touching the administrative business, the studies, lectures, and examinations in Music in the Elder Conservatorium, and upon all other subjects on which the Council shall request their advice.

3. The Board shall annually elect a Chairman.

4. The Chairman shall perform such duties as shall from time to time be prescribed by the Board and approved by the Council, and (amongst others) the following—

He shall at his own discretion, or upon the written request of the Chancellor or Vice-Chancellor, or of two members of the Board, convene meetings of the Board.

He shall preside at the meetings of the Board.

Subject to the control of the Board, he shall exercise a general control over its administrative business.

5. When the Chairman is absent from a meeting, the Board shall elect one of their number to preside.

6. The Council shall, when necessary, appoint a sufficient number of Examiners, who, together with the Director and Teachers of the Elder Conservatorium, shall constitute the Board of Examiners.

### Chapter XII.—Of the Board of Discipline.

\*1. There shall be a Board of Discipline consisting of the Chancellor, the Vice-Chancellor, the Deans of the various Faculties, the Chairman of the Board of Musical Studies, and such Professors or Lecturers as may be appointed by the Council.

2. The Board shall annually elect a Chairman. When the Chairman is absent from a meeting, the Board shall elect a Chairman for that occasion.

3. The Chairman shall perform such duties as shall from time to time be prescribed by the Council, and (amongst others) the following:—

He shall at his own discretion, or upon the written request of the Chancellor or Vice-Chancellor, or of two members of the Board, convene meetings of the Board.

He shall preside at the meetings of the Board.

Subject to the control of the Board, he shall exercise a general control over the discipline of the University.

4. Subject to the approval of the Council the Board may make Rules for the conduct of students on the premises of the University.

5. It shall be the duty of the Board to enquire into any complaint against a student, and the Board shall have the power

(a) To dismiss such complaint.

(b) To admonish the Student complained against.

(c) To inflict a fine on such Student not exceeding forty shillings.

(d) To administer a reprimand either in private or in the presence of any Class attended by such Student.

(e) To suspend such Student temporarily from attendance on any course of instruction in the University.

(f) To exclude such Student from any place of recreation or study in the University for any time not extending beyond the current Academical Year.

(g) To expel from the University such Student.

Every such decision of the Board shall be reported to the Council, who may reverse, vary, or confirm the same.

6. Any Professor or Lecturer may dismiss from his class any student whom he considers guilty of impropriety, but shall on the same day report his action and the ground of his complaint to the Chairman.

**Chapter XIII. Of the "Angas Engineering Scholarship" and the "Angas Engineering Exhibitions."**

Whereas on the 4th day of January, 1888, the Honourable John Howard Angas, M.L.C., paid the sum of £4,000 to the University for the purpose of permanently founding with the income thereof and the annual grant payable in respect thereof under the Fifteenth Section of the University Act, the Angas Engineering Scholarship and the Angas Engineering Exhibitions, according to certain Statutes approved of by the said John Howard Angas, and afterwards allowed and countersigned by the Governor on the 18th day of January, 1888: And whereas it was provided by such Statutes that during the life of the said John Howard Angas they should not be repealed or altered without his consent: And whereas, with the consent and approval of the said John Howard Angas, other Statutes have from time to time been made by the University and allowed and countersigned by the Governor concerning the said Scholarship and Exhibitions: And whereas the said John Howard Angas has consented to the repeal of all such Statutes as are now in force concerning the said Scholarship and Exhibitions and to the substitution of the following Statutes therefor—Now it is hereby provided as follows:—

**A. The Angas Engineering Scholarship.**

I. There shall be a Scholarship of the annual value of £200 tenable for two years, called the "Angas Engineering Scholarship."

II. Each candidate for the Scholarship must be under twenty-eight years of age on the first day of the month in which he shall compete for it, and must have resided in South Australia for at least five years. He shall also produce such evidence of good health as shall be satisfactory to the Council.

III. Candidates for the Scholarship must have graduated in Arts or Science at the University of Adelaide.

IV. The Scholarship shall be competed for biennially, in the month of June. If on any competition the Examiners shall not consider any candidate worthy to receive it, the Scholarship shall for that year lapse, but shall be again competed for in the month of June next ensuing.

V. The examination shall be in the following subjects:—

- (1) *Mathematics.*
- (2) *Physics.*
- (3) *Geology*
- (4) *Chemistry.*
- (5) *Applied Mechanics.*
- (6) *Mechanical and Engineering Drawing.*

and in such other subjects as the Council shall from time to time direct.

Candidates may sit for any or all of these subjects.

Schedules defining the scope of the examination in the above subjects shall be drawn up by the Faculty of Science, subject to the approval of the Council, and shall be published in the University Calendar of each year.

VI. Within such time after gaining the Scholarship as the Council shall in each case allow, the Scholar shall proceed to the United Kingdom and there spend the whole of the time, during which the Scholarship is tenable, in articles to an Engineer, or as a student of engineering in a College or University there, or partly in articles to an Engineer and partly as a student of engineering in a College or University, such Engineer, College, or University to be approved by the Council; provided that the Scholar may by special permission of the Council spend the whole or part of his time in study or practical training outside the United Kingdom.

VII. Payment of the Scholarship computed from the first day of July following the competition, shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment to the previous receipt of satisfactory evidence of good behaviour and continuous progress in Engineering Studies, according to the course proposed to be followed by the Scholar.

VIII. Whenever such evidence is not satisfactory, the Council may altogether withhold, or may suspend for such time as it may deem proper, payment of the whole or of such portion as it may think fit of any moneys due, or to accrue due, to the Scholar on account of the Scholarship, or may deprive him of his Scholarship.

IX. On his returning to settle in South Australia within five years from the time of gaining the Scholarship, and in possession of such Degree, Diploma, or Certificate as an Engineer as the Council shall approve, and upon his writing to the approval of the Council a report of his proceedings and engineering work, the Scholar shall receive the further sum of £70 towards his travelling expenses.

X. Should any successful candidate not retain the Scholarship for the full period of two years, notice of the vacancy shall be published by the Council in the Adelaide daily papers; and an examination shall be held in the month of June next ensuing.

### **B. The Angas Engineering Exhibitions.**

XI. There shall also be three "Angas Engineering Exhibitions," of which one may be awarded in each year. Each Exhibition shall be of the annual value of £60, and be tenable for three years.

XII. One of the Angas Engineering Exhibitions shall be open for competition at a special examination in or about the first week in December of each year in subjects prescribed one year previously by the Council;



but the Exhibition shall not be awarded unless the Examiners are satisfied that one of the candidates is worthy to receive it.

\*XIII. Each candidate must have passed the Senior Public Examination, or such other examination as the Council shall from time to time prescribe, and must have been not more than nineteen years of age on the first day of the month in which he shall compete for the Exhibition.

*\*Allowed 7th December, 1904.*

XIV. Each Exhibitioner shall within three months after being awarded his Exhibition enrol himself as a matriculated student in Science at the University of Adelaide, shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Science, shall attend lectures, pass examinations proper to that Degree, and at the end of each year produce a certificate signed by the Professors and Lecturers whose classes he has attended to the effect that his work and progress have been satisfactory. The Exhibition shall be forfeited if the holder fail to observe the above requirements, unless such failure shall in the opinion of the Council have been caused by ill-health or other unavoidable cause. The decision of the Council as to such forfeiture shall be final.

XV. Payment of the Exhibitions shall be made quarterly, beginning with the first day of June following the award, out of the income (when received) of the money hereinafter mentioned; but payment need not be made to any Exhibitioner whose conduct as a student throughout the quarter has not been in every respect satisfactory to the Council. The decision of the Council on any such questions shall be final.

XVI. Should any Exhibitioner not retain his Exhibition for three years the Council may, if it think proper, give notice of the vacancy, and that a special examination to fill it will be held at a specified date, and such Exhibition shall be open for competition at that examination, in such subjects as the Council shall on each occasion prescribe. The Exhibition shall not be awarded unless the examiners are satisfied that one of the candidates is worthy to receive it; and, if awarded, shall, (notwithstanding anything in these Statutes contained) be held only from the date of the award until the expiration of the three years during which it would have been held had the vacancy not occurred.

XVII. No Exhibitioner shall, save by permission of the Council, hold concurrently with his Exhibition any other Exhibition or any Scholarship.

### **C. General.**

XVIII. Candidates for the Scholarship shall give at least three calendar months' notice, and candidates for the Exhibition at least one

calendar month's notice, in the prescribed form, of their intention to compete, and shall with their notices forward to the Registrar evidence satisfactory to the Council of having fulfilled the conditions stated in these Statutes.

XIX. The sum of £4,000 paid to the University as aforesaid by the said John Howard Angas, shall be invested in such a manner as to entitle the University to the annual grant, equal to five pounds per centum per annum thereon, under the Fifteenth Section of the Adelaide University Act. The income (including such grant) to be derived from the said sum, or so much of such income as shall be sufficient, shall be applied in paying the said Scholarship and Exhibitions, and the sum of £70 mentioned in the ninth of the Statutes in this chapter, and so much of such income as in any year shall not be so applied, shall be at the disposal of the Council for the purposes of the University.

XX. During the life of the said John Howard Angas the Statutes contained in this chapter shall not be repealed or altered without his consent.

XXI. The following forms of notice are prescribed :—

NOTICE BY CANDIDATE OF INTENTION TO COMPETE FOR THE "ANGAS ENGINEERING SCHOLARSHIP."

I hereby give notice that it is my intention to present myself as a Candidate for the "Angas Engineering Scholarship" at the Special Examination to be held in the month of \_\_\_\_\_, 19\_\_\_\_, in the subjects of—

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....
- 7.....

I send herewith the documentary evidence specified in the underwritten schedule.

Dated this..... day of..... 19 .

Signature of Candidate.....

Address of Candidate .....

*This is the schedule referred to in the above-written notice.*

1. Proof of date of my birth.....
2. Proof of residence for five years in South Australia .....
3. Proof of good health.....
4. Proof of graduation in Arts or Science at the University of Adelaide.....

Signature of Candidate.....

NOTICE BY CANDIDATE OF INTENTION TO COMPETE FOR AN "ANGAS  
ENGINEERING EXHIBITION."

I hereby give notice that I intend to present myself as a Candidate for an "Angas Engineering Exhibition" at the Examination to be held in the month of \_\_\_\_\_, 19\_\_\_\_, and I send herewith the documentary evidence specified in the underwritten Schedule.

Dated this... ..day of.....19\_\_\_\_

Signature of Candidate.....

Address of Candidate.....

*This is the schedule referred to in the above-written notice.*

1. Proof of date of my birth.....

2. Certificate that I have passed the requisite  
Examination.....

Signature of Candidate.....

XXII. The Statutes concerning the "Angas Engineering Scholarship" and the "Angas Engineering Exhibitions," which were allowed and countersigned by the Governor on the 14th day of December, 1901, are hereby repealed: Provided that this repeal shall not affect any right or status acquired, duty imposed, or liability incurred by or under the Statutes hereby repealed before the Statutes contained in this chapter shall come into operation.

*Allowed 3rd December, 1902.*

#### **Chapter XIV.—Of the John Howard Clark Scholarship.**

Whereas various persons have subscribed and have agreed to pay to the University of Adelaide a sum of money for the purpose of constituting a fund for founding the Scholarships hereinafter named: And the Council of the said University have agreed to invest that sum, when received by them, and to apply the income thereof, in the manner specified in these Statutes: And whereas it has been agreed that the word "income" shall include as well interest to accrue from investments of the said fund as grants to be received from the Government in respect thereof:

It is hereby provided that from and after the receipt by the said Council of the said sum:

1. There shall be two Scholarships, tenable for two years each, which shall be competed for at the annual examination in

English Language and Literature for the Ordinary Degree of Bachelor of Arts. The scholarships shall be called the "John Howard Clark Scholarships."

2. If the Examiners shall not consider any candidate worthy to receive the scholarships it shall for that year lapse.

3. Only one Scholarship shall be awarded in any one year so long as there are only two Scholarships.

†4. Each Scholar shall at the end of the first year of his tenure of the Scholarship, present a thesis on a topic in English Literature which shall have been approved by the Faculty of Arts six months previously. If this condition is not complied with, or if the thesis presented is not considered by the Council to be of sufficient merit, the Scholarship shall lapse, and the holder shall have no further right to the title of "John Howard Clark Scholar." An extension of the time within which to present the thesis may be granted upon application to the Council.

5. Every such Scholar shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the University.

†6. Each Scholar shall receive one half of the annual income so long as that income does not exceed sixty pounds. Whenever the annual income shall exceed sixty pounds, each Scholar shall receive thirty pounds per annum. The first payment shall be made at the end of March next following the award, and the second payment at the end of March next following the presentation and approval of the thesis.

*†Allowed 2nd August, 1905.*

7. The Fund for founding the Scholarships shall be invested by the Council in such a manner as will entitle the Council to claim from the Government an annual grant in respect thereof. Any surplus interest, and any sums accumulating from the non-awarding or lapse of the Scholarships, shall be considered part of the Fund and be invested in the like manner until there shall have accumulated a sum sufficient to found a third Scholarship, which shall be competed for and awarded at such times as the Council shall direct: Provided that no portion of the annual grant shall be so accumulated. All subsequent accumulations shall be applied at the discretion of the Council towards the carrying out of the general objects of the John Howard Clark Scholarships.

*Allowed 27th December, 1899.*

**\*Chapter XV.—Of the Stow Prizes and Scholar.**

The Statutes of the Stow Prizes and Scholar, allowed by the Governor on the 15th day of December, 1892, are hereby repealed, and the following are substituted therefor :—

Whereas a sum of Five Hundred Pounds was subscribed with the intention of founding Prizes in memory of the late Randolph Isham Stow, sometime one of the Justices of Her Majesty's Supreme Court of this Province. And whereas the said sum was paid to the University for the purpose of establishing the prizes hereinafter mentioned : It is hereby provided :

1. That there shall be annual prizes, to be called "The Stow Prizes."

2. Each of such Prizes shall consist of the sum of fifteen pounds, or (at the option of the prizeman) of books to be selected by him of the value of fifteen pounds.

3. A Stow Prize may be awarded to any Candidate for the LL.B. Degree, who, at any November Examination, shall pass in not less than three subjects, and who in the opinion of the Board of Examiners shall have shown exceptional merit in not less than two subjects.

4. Not more than four Stow Prizes may be awarded in any one year.

5. Every Bachelor of Laws, who shall during his course have obtained three Stow Prizes, shall receive a gold medal, and shall be styled "Stow Scholar."

*\* Allowed January, 1899.*

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**Chapter XVI.—Of the Commercial Travellers' Association Scholarship.**

Whereas a sum of One Hundred and Fifty Pounds has been paid to the University by the Commercial Travellers' Association (Incorporated) for the purpose of founding a Scholarship, it is hereby provided that

1. The said Scholarship shall be awarded by the said University to any matriculated student thereof, who being a son or daughter of a member of the said Association shall be nominated by the Committee of Management of the said Association, and such student so nominated shall hold such scholarship for one or more consecutive years, as the Committee of Management of the said Association shall from time to time declare; and it shall be lawful for the Committee of Management of the said Association

from time to time, at the end of any academical year, to substitute another student for the holder of the said Scholarship for the time being, and such substitute shall thereupon have all the advantages connected with the holding of such Scholarship.

2. The holder of the said Scholarship shall have the following advantages, that is to say: he shall be exempt from payment of all University fees during such time as he shall hold the Scholarship up to and including the fees payable on taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music; but in case any student shall cease to hold the Scholarship, such student shall not be exempt from payment of such fees after the time at which he shall cease to hold such Scholarship. And any holder of such Scholarship taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music while holding such Scholarship shall be entitled to have the fee paid by him on matriculation or on entering for the Senior Public Examination returned to him.

3. Every such scholar shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the said University.

4. Save by permission of the Council of the said University, no such scholar shall be entitled to exemption from University fees during more than nine consecutive Academic Terms, computed from the day next preceding the commencement of the Academic year in which, or in the vacation preceding which, he or she becomes a scholar.

\*5. Whenever there shall not be a Scholar, the said Committee may in any Academical year nominate some student (being a son or daughter of a member, or deceased member, of the said Association) in the Faculties of Arts or Science or a Student of Music (including any student in the Elder Conservatorium), and such student shall be entitled to exemption from fees payable during that year to an amount not exceeding £10.

\*6. The third Clause of the Statute relating to the Commercial Travellers' Association shall apply to all such students.

*\* Allowed 27th December, 1899.*

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**Chapter XVIa.—Of the Everard Scholarship.**

Whereas the late William Everard has bequeathed the sum of £1,000 to the University, for the purpose of founding a Scholarship to be called by his name, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these statutes, It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The Scholarship shall be called "The Everard Scholarship," and shall be competed for annually.

2. The Scholarship shall be of the value of Fifty Pounds, and shall be paid to the Scholar in one sum at the Commemoration at which the Scholar is entitled to take his Degree.

3. The Scholarship shall be awarded to the Student who shall be placed first in the Class List of the Final Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery; provided that he shall have passed through the whole of his medical course at this University and that he shall be considered worthy by the Board of Examiners.

4. The Scholar so appointed shall in the certificate of his Degree be styled the Everard Scholar.

*Allowed 13th November, 1890.*

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**Chapter XVII.—Of Conduct at Examinations.**

1. If during any examination, any candidate use any book or notes, or give assistance to another candidate, or through culpable negligence allow any other candidate to copy from or otherwise use his papers, or accept assistance from any other candidate, or use any manuscript of any other candidate, he shall lose that examination, and shall be liable to such further punishment by exclusion from future examinations or otherwise as the Council shall determine.

2. Whenever any of the foregoing acts of misconduct shall be detected, or whenever any breach of good order or propriety shall be committed during any examination, any Examiner present may at once exclude the candidate so misbehaving from the Examination Room.

### Chapter XVIII.—Of Academic Dress.

1. At all lectures, examinations, and public ceremonials of the University, Graduates and Undergraduates must appear in academic dress.

2. The academic dress shall be :

For Undergraduates—A plain black stuff gown and trencher cap.

For all Graduates—A black trencher cap with black silk tassel; and

For Bachelors and Doctors of Laws, Bachelors and Doctors of Medicine, Bachelors and Masters of Surgery, Bachelors and Masters of Arts, Bachelors and Doctors of Science, Bachelors and Doctors of Music—Black gowns similar in shape and material to those used at Cambridge for the same Degrees, and hoods of the same shape as those used at that University.

The hoods for Bachelors to be of black silk or stuff lined to a width of six inches with silk. The colour of such lining to be, for Bachelors of Laws, blue; for Bachelors of Medicine and Bachelors of Surgery, rose; for Bachelors of Arts, grey; for Bachelors of Science, yellow; and for Bachelors of Music, green.

The hoods for Masters to be of black silk lined entirely with silk of a darker shade of the colour used for the hoods for Bachelors of the same faculty.

The hoods for Doctors to be of silk of a darker shade of the colour used for the hoods of Bachelors of the same faculty, lined entirely with silk of the lighter shade of the same colour.

The colours above referred to shall accord with specimens attached to a document marked A, to which the seal of the University has been affixed.

3. Notwithstanding anything contained herein, members of the Senate who have been admitted *ad eundem gradum* may at their option wear the academic dress appropriate to the Degree in virtue of which they have been so admitted.

*Allowed 9th December, 1891.*



### Chapter XIX.—Saving Clause and Repeal.

1. The Chancellor, Vice-Chancellor, Professors, Lecturers, Registrar, and other officers of the University at the time of the allowance, and countersignature by the Governor of these statutes shall have the same rank, precedence, and titles, and hold their offices by the same tenure, and upon, and subject to the same terms and conditions, and (save the Chancellor and Vice-Chancellor) receive the same salaries and emoluments, and be subject to dismissal from their offices and suspension for a time from performing the duties and receiving the salaries thereto as if these statutes had not been made.

2. From and after the allowance and countersignature by the Governor of these statutes there shall be repealed :—

The statutes allowed and countersigned by the Governor on each of the undermentioned days, viz :—

1. The 28th day of January, 1876.
2. The 7th day of November, 1881.
3. The 12th day of December, 1882.
4. The 16th day of September, 1885.

And the Regulations allowed and countersigned by the Governor on the 21st day of August, 1878.

Provided that—

I. This repeal shall not affect—

- a. Anything done or suffered before the allowance and countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes ; or
- b. Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed ; or
- c. The validity of any order or regulation made under any statute or regulation hereby repealed ; and

II. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these Statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

*Allowed the 18th December, 1886.*

### Chapter XX.—Of the Roby Fletcher Prize.

Whereas a sum of £160 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Rev. William Roby Fletcher, M.A., formerly Vice-Chancellor of the University, it is hereby provided that :—

The Roby Fletcher prize shall be £10, and shall be awarded to the Student who passes the best examinations in Psychology and Logic for the Degree of Bachelor of Arts, provided he is of sufficient merit.

*Allowed 27th December, 1890.*

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### †Chapter XXI.—Of the Dr. Davies-Thomas Scholarship.

Whereas Mrs. Davies-Thomas has given the sum of £400 for the present purpose of founding two Scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these Statutes. It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum :—

- I. The Scholarships shall be called the Dr. Davies-Thomas Scholarships, and shall be competed for annually.
- II. Each Scholarship shall be of the value of £10 and shall be awarded to the best student in each of the Third and Fourth years of the M.B. course who shall be placed in the First Class.
- ‡III. The money shall be paid to the Scholars at the next ensuing Commemoration.
- IV. These Statutes may be varied from time to time.

† *Allowed 15th December, 1896.*

‡ *Allowed 26th January, 1898.]*

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### Chapter XXII.—Of the Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a Studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of

Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896, to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows :—

1. There shall be three Studentships to be called the "Hartley Studentships," of which one shall be open for competition every year by students intending to enter upon the course for the B.A. or B.Sc. Degree.

\*2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Higher Public Examination in December, provided that in the opinion of the examiners he is of sufficient merit.

3. The subjects for such examination and their relative value shall be from time to time determined by the Council.

\*4. Every Hartley Student shall forthwith, after the award of the Studentship, commence his course, and shall diligently prosecute his studies for the B.A. or B.Sc. Degree, and shall be exempt for three consecutive years from all lecture and examination fees payable in respect thereof.

*\* Allowed 11th December, 1901.*

†5. The Studentship shall be forfeited if the Student shall, in the opinion of the Council, be guilty of misconduct, or if he shall fail to observe the requirements of Clause 4, unless such failure shall, in the opinion of the Council, have been caused by ill-health or other unavoidable cause.

*† Allowed 27th December, 1899.*

6. Any such Studentship which shall be given up or forfeited, before the holder has commenced his course for the B.A. or B.Sc. Degree shall be awarded to the next most successful competitor, if, in the opinion of the examiners, he is of sufficient merit.

7. The Hartley Studentship shall not be held concurrently with any of the University Scholarships awarded by the Education Department, and any competitor who is entitled to a Scholarship of each kind shall make his election between them.

8. These provisions shall be subject to alteration from time to time, in such manner as to the University shall seem fit.

*Allowed 25th January, 1899.*

**XXIII.—Of the Election of Representatives on the Board of Governors of the Public Library, Museum, and Art Gallery.**

1. Meetings of the University to elect members of the Board of Governors of the South Australian Institute shall be held in Adelaide at such places as the Council shall from time to time appoint.

2. So soon as conveniently may be after these Statutes shall have been allowed and countersigned by the Governor, the Council shall convene a meeting of the University to elect two members of the said Board.

3. The Council shall also convene the University to meet on some day in each month of October to elect two members of the said Board.

4. Whenever the office held by any member of the said Board elected by the University shall become vacant during the period for which he was elected, the Council shall, so soon as conveniently may be thereafter, convene a meeting of the University to elect another member in his room.

5. Every meeting of the University for the election of a member of the said Board shall be convened not less than ten days before the day appointed for the meeting by the Registrar by a circular, specifying the place and time of meeting, and sent by post to the last known address in South Australia of, or delivered to, all members of the University who are resident in the Province.

6. Candidates shall be nominated in writing signed by two members of the University, and sent to the Registrar so as to reach him at least two days before the day appointed for the meeting, and no candidate will be eligible for election unless his written consent to act, if elected, reaches the Registrar not later than two days before the day of meeting.

7. If only the required number of members shall be eligible, the Chairman of the meeting shall declare such member or members elected.

8. If more than the required number of members be eligible, a printed voting paper containing the names of such members shall be given to each member present at the meeting, who may vote for the required number of candidates by striking out the names of the members for whom he does not vote.

9. The votes so given shall be counted by two tellers appointed by the Chairman before the election is proceeded with. The number of votes given for each candidate shall be reported in writing by the tellers to the Chairman, who shall then declare the result of the election.

10. At every such meeting the Chancellor, or in his absence the Vice-Chancellor, or in their absence the Warden of the Senate (if present)

shall preside as Chairman, and in the absence of the Chancellor, Vice-Chancellor, and Warden, the members of the University present shall elect a Chairman.

11. No such meeting shall be constituted unless at least twelve members of the University be present within fifteen minutes after the time appointed for holding the meeting. At every such meeting all questions shall be decided by the majority of the members present. In case of an equality of votes on any question or for any candidate, the Chairman shall give a casting vote.

12. The proceedings of and elections made by each such meeting shall be recorded by the Registrar in a book kept for that purpose, and shall be signed by the Chairman.

*Allowed April, 1880.*

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#### **Chapter XXIV.—Of Non-Graduating Students.**

1. Upon such terms and conditions and upon payment of such fees as the University or the Council prescribe, any person wishing to become a non-graduating student in the University or in any School therein may be admitted to any lectures, tuition, or examinations; and, if required, shall sign his or her name in a roll book, or upon a separate form, to the following agreement, or to such other similar agreement as the Council shall prescribe for non-graduating students generally, or for some of them :

“I agree with the University of Adelaide that I will obey all existing and future Statutes, Regulations, and Rules made or approved by the University or the Council so far as they may apply to me; and that I will respectfully submit to and obey the constituted authorities appointed by the University.”

2. Except when otherwise provided non-graduating students shall pay the same fees and be subject to the same Statutes, Regulations, and Rules regulating discipline and conduct as undergraduates.

3. From and after the allowance and countersignature by the Governor of these Statutes there shall be repealed hereby the Statutes, chapter XXIV., “Of Non-Graduating Students,” allowed by the Governor on the twenty-seventh day of December, in the year 1899; but such repeal shall not affect :

Anything done or suffered, any right or status acquired, duty imposed, or liability incurred under the repealed Statutes.

*Allowed 7th December, 1904.*

**Chapter XXV.—Miscellaneous.**

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versâ*.
2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

*Allowed 27th December, 1899.*

- \*3. In all cases where an age limit is not fixed by the Regulations persons who shall pass the same examination more than once shall not be qualified to receive any scholarship, exhibition, medal, prize, or other similar reward in respect of that examination save on the first occasion of their being examined.

*\*Allowed 12th August, 1903.*

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**Chapter XXVI.—Of the Affiliation of Perth Technical School.**

Whereas application has been made by the Education Department of Western Australia for affiliation of Perth Technical School to the University, it is hereby provided that—

1. The Perth Technical School is affiliated to the University of Adelaide.
2. The Council of the University shall from time to time determine what courses of instruction at Perth Technical School shall qualify students in regular attendance thereat to sit for the examinations of the University of Adelaide.

*Allowed 11th December, 1901.*

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**Chapter XXVII.—Of the Board of Commercial Studies.**

1. There shall for the present be a Board of Commercial Studies. The Board shall consist of the Chancellor, and Vice-Chancellor, (who shall be members *ex officio*) and of such other persons as the Council shall from time to time appoint. At its ordinary meeting in each month of November the Council shall declare the offices of its appointees vacant, and appoint the same or other persons to be members of the Board.

2. The Board shall advise the Council upon all matters touching the Studies, lectures and examinations in Commercial subjects, and the appointment of Lecturers and Examiners, and may perform such other duties and exercise such powers as the Council shall delegate to it.

3. The Board shall annually elect a Chairman.

4. The Chairman shall :—

- a. At his own discretion or upon a written request by the Chancellor, Vice-Chancellor, or two other members of the Board, convene meetings of the Board.
- b. Preside at meetings of the Board.
- c. Exercise (subject to the control of the Board), a general control over its administrative business.
- d. Perform such other duties as the Council shall from time to time prescribe.

5. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

*Allowed 24th December, 1902.*

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### **Chapter XXVIII. Of the "Joseph Fisher Medal of Commerce" and the "Joseph Fisher Lecture in Commerce."**

WHEREAS on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof, under the University Act, the study of Commerce in the University: It is hereby provided as follows :—

- I. There shall be a Medal to be called the "Joseph Fisher Medal of Commerce," which shall be awarded annually to the candidate for the Advanced Commercial Certificate who, on completing the course for such Certificate, shall, in the opinion of the Examiners, be the most distinguished, and be considered by them worthy of the award.
- II. No candidate shall be eligible for the Medal if he fails to complete the course for the said Certificate within four years of his entering upon the course, nor shall any candidate be eligible if he has received exemption from examination in any subject.

- III. There shall also be established a Lecture on a subject relating to Commerce, to be called the "Joseph Fisher Lecture," and to be delivered in the University every alternate year, and subsequently published.
- IV. The Lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s.
- V. The subject of the Lecture shall from time to time be approved by the Council of the University.
- VI. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said Medal, the payment of the said Lecturer, and the publication of his Lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the Professors, Lecturers, and Examiners engaged or to be engaged in the work of the Commercial Courses for the time being of the University, as the Council of the University shall determine.
- VII. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

*Allowed 12th August, 1903,*

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### **Chapter XXIX.—Of the Affiliation of Roseworthy Agricultural College.**

Whereas application has been made by the Governing Body of Roseworthy Agricultural College for affiliation to the University, it is hereby provided that—

- I. The Roseworthy Agricultural College is affiliated to the University of Adelaide.
- II. The Council of the University may from time to time exempt students who have attended the courses of instruction and passed the examinations of the said College in the following subjects:—
- Agriculture,  
Viticulture and Oenology,
- from attendance at lectures, and from examinations, in the corresponding subjects of the course for the Ordinary Degree of B.Sc.

*Allowed 7th December, 1905.*



# REGULATIONS.

## OF THE DEGREE OF BACHELOR OF ARTS.

### REGULATIONS.

- I. Candidates may obtain either the Ordinary or the Honours Degree of Bachelor of Arts.
- II. To obtain the Degree, whether the Ordinary or the Honours Degree, every candidate
  - (a). Shall be a matriculated student of the University.
  - (b). Before matriculating shall pass the Senior Public Examination in Greek, Latin, Arithmetic and Algebra, and Geometry, or satisfy the Faculty of Arts of his fitness to enter upon the course of study which he proposes to take for the degree. But the candidate shall pass in the above-mentioned subjects at the Senior Public Examination at some time before taking his degree.
  - (c). Shall after matriculating spend three academical years at least in his course of study at the University.
- III. Candidates for the Ordinary Degree shall attend lectures regularly and pass examinations in six of the following subjects, of which not less than four shall be taken from Subjects 1 to 9, and one of them must be selected from subjects 1 to 4 :—
  1. *Greek.*
  2. *Latin.*
  3. *French.*
  4. *German.*
  5. *English Language and Literature.*
  6. *History of the United Kingdom.*
  7. *British Imperial and Colonial History.*
  8. *Economics.*
  9. *Mental and Moral Science :*
    - (A) Psychology, (B) Logic, (c) Ethics,
    - (D) Philosophy, (E) Education. Psychology and one other of these branch-subjects are reckoned together as one of the six subjects qualifying for the degree; Psychology and three others as two of the six subjects qualifying for the degree.

10. *Pure Mathematics.*
11. *Applied Mathematics.*
12. *Physics.*
13. *Spherical Trigonometry and Astronomy.*
14. *Inorganic and Organic Chemistry.*
15. *Geology*, Part I. and Part II.
16. *Elementary Biology and Physiology.*

The names of candidates who pass the examinations for the Ordinary Degree shall be arranged alphabetically in three classes.

IV. Candidates for the Honours Degree shall attend lectures regularly and pass examinations in one of the following Departments, but they may take Honours in more than one Department :—

- A. *Classics.*
- B. *History.*
- C. *Philosophy.*
- D. *Mathematics.*

Candidates in Classics shall pass in Greek and Latin, as prescribed for the Ordinary Degree, before, or in the same year as, they sit for the Honours Examination.

Candidates in History shall pass in History of the United Kingdom, in British Imperial and Colonial History, in Economics, and in one foreign language, ancient or modern, as prescribed for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

Candidates in *Philosophy* shall pass in Psychology, Logic, Ethics, *Philosophy*, Economics, and in one foreign language, ancient or modern, as prescribed for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

Candidates in Mathematics shall pass in Pure Mathematics, Applied Mathematics, and Physics as prescribed for the Ordinary Degree before, or in the same year as, they sit for the Honours Examination.

The names of candidates who pass the Examinations for the Honours Degree shall be arranged alphabetically in three classes.

- V. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council, and no candidate shall be excused attendance in more than one subject in any one year. All candidates so exempted shall be required to do such written or practical work as may be prescribed by the Professor or Lecturer.
- VI. Schedules defining the range of study for lectures, laboratory work, and examinations, shall be drawn up by the Faculty of Arts, subject to the approval of the Council, and shall be published as early as possible in each year.
- VII. All examinations referred to in the foregoing regulations shall take place in November of each year. Candidates shall enter their names a month before the day fixed for examination, and shall present certificates showing that they have regularly attended the prescribed lectures and done written, laboratory, or other practical work (where such is required) to the satisfaction of the Professors or Lecturers. Written or practical work done by candidates by direction of the Professors or Lecturers, and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.
- VIII. Candidates who have passed examinations *in pari materia* in other Faculties or otherwise, and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of Arts may on application to the Council be granted such exemption from the requirements of these Regulations as the Council shall determine.
- IX. No graduate who has obtained the Honours Degree of Bachelor of Science in the department of Mathematics may obtain the Honours Degree of Bachelor of Arts in Mathematics.
- X. Candidates from other Universities who desire that the instruction they have received and the examinations they have passed should be counted *pro tanto* for the degree of Bachelor of Arts of this University, may, on application to the Council, be granted such exemption from the requirements of these Regulations as the Council shall determine.
- XI. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance:—

	Entire course.	Examination.
A. Ordinary Degree of B.A. :		
Greek, Latin, French, German, English Language and Literature, <i>History of the United King- dom, British Imperial and Colonial History,</i> Economics, Pure Mathematics, Applied Mathematics, Astronomy, each ... ..	4 4 0	2 2 0
Psychology, Logic, Ethics, <i>Philosophy</i> , Education, each ... ..	2 2 0	1 1 0
Physics, Chemistry, each ... { Lectures ...	4 4 0	} 2 2 0
... { Laboratory work ...	6 6 0	
Geology, parts I. and II. (including examination)	14 14 0	
{ Elementary Biology ... ..	5 5 0	1 1 0
{ Physiology ... ..	8 8 0	1 1 0

## B. Honours Degree of B.A.—

1. For lectures in each Department—£10 10s. per annum.
2. For the examination in each Department—£3 3s.

Candidates shall also pay the examination fees prescribed above for subjects of the course for the Ordinary degree in which they are required to pass.

## C. Fee for the Degree of Bachelor of Arts, £3 3s.

Candidates exempted from attendance at lectures in any subject shall, in addition to the examination fee, pay half the lecture fee for that subject during such period of exemption.

Candidates who fail in any examination are not exempted from payment of fees on entering again for examination in the same subject.

Candidates who wish to take a course of lectures a second time may do so on payment of half fees, but full fees shall be required for Laboratory work.

The fees which Candidates pay for a course of lectures or an examination which they afterwards find themselves unable to attend shall not be returned, unless the Council shall otherwise determine.

- XII. All previous regulations concerning the degree of Bachelor of Arts are hereby repealed, but candidates who have matriculated in or before the year 1905 shall not be compelled to select one of their subjects from 1 to 4 unless they fail to fulfil all the conditions required for the degree before the end of the year 1908, nor shall the exemption be allowed to any graduate in Science proceeding to the degree of Bachelor of Arts.

*Allowed 2nd August, 1905.*

## SCHEDULES FOR 1906.

Drawn up in accordance with No. VI. of the foregoing Regulations.

## I. FOR THE ORDINARY DEGREE.

## NOTES BY THE DEAN OF THE FACULTY OF ARTS.

1. *It will be observed that no restriction is placed on the order in which the subjects chosen may be studied, or in the number of subjects which a student may take up at the same time. It is left to the student not merely to choose the six subjects which he purposes to study, but to take them up in the order which is best for him, and to distribute them over the three years or more (but not less) in the manner that he finds most convenient. It will also be observed that no restriction is put upon the number of subjects in which a student may enter for examination in any year.*
2. *It will assist the student in deciding upon the order of his course and the number of examinations which he assigns to each year, if he will distinguish between the subjects in which the course of lectures is completed in one year and in which he may therefore enter for examination at the end of one year's study, and the subjects in which the course is extended over two years, and in which, therefore, he cannot be examined until he has attended lectures for two years.*
3. *If a student is ever in doubt as to which of two related subjects he ought to study first, he should apply for advice to the Professors or Lecturers on the subjects.*
4. *In courses of lectures which extend over two years, there are usually two lectures a week; in courses which are completed in one year there are usually about four lectures a week. Certain specified courses are given only in alternate years, but examinations are held every year in all subjects for which candidates have entered their names. No candidate is examined in any subject for the degree until he has completed the full course of lectures on that subject as prescribed below.*
5. *The days and hours are not finally fixed before the end of February, by which date all intending students should intimate to the Registrar (1) the Lectures which they desire to attend; and (2) whether they are engaged in other work during the day or evening, and at what hours.*

## I. GREEK.

The course of lectures is begun every year, and is completed in two years. Fee for the course, £4 4s., or 14s. per term.

Subjects of examination—

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1906 and 1907:—
  - Homer, *Odyssey*, Books IX. to XII.
  - Euripides, *Medea*.
  - Aristophanes, *The Frogs*.
  - Herodotus, *Book I*.
  - Plato, *Republic*, *Book I*.
  - Lysias, *Select Orations*.
- (d) Questions on Grammar and the subject matter of the books set, with special reference to the lectures given.

## 2. LATIN.

The course of lectures is begun every year, and is completed in two years. Fee for the course, £4 4s., or 14s. per term.

Subjects of examination—

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1906 :—  
 Vergil, *Aeneid*, Book VI.  
 Horace, *Carmina*, Book III.  
 Juvenal, *Satires*, 1, 3, 4, 5, 7, 8, 10 (in J. D. Duff's edition).  
 Cicero, *Pro L. Murena oratio*  
 Livy, *Ab urbe condita*, Book I.  
 Tacitus, *Ab excessu Divi Augusti*, Book I.
- (d) Questions in Grammar and on the subject matter of the set books, with special reference to the lectures given.

Books specially set for 1907 :—

- Vergil, *Aeneid*, Book VI.
- Horace, *Carmina*, Book III.
- Juvenal, *Satires*, 1, 3, 4, 5, 7, 8, 10 (in J. D. Duff's edition).
- Cicero, *Letters to Atticus*, Book I.
- Livy, *Ab urbe condita*, Book I.
- Tacitus, *Ab excessu Divi Augusti*, Book I.

## 3. FRENCH.

No course of lectures is at present provided, but an annual examination is held.

Subjects of examination in 1906 :—

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) Saintsbury, *Short History of French Literature*.
- (d) Books specially set :—  
 Racine, *Athalie* (Pitt Press).  
 Mme. de Staël, *Dix années d'exil* (Pitt Press).  
 Sainte-Beuve, *Selections from the Causeries du Lundi* (Masson's French classics).  
 Emile Faguet, *Dix-huitième siècle*.
- (e) History of the French Language, Brachet's *Historical Grammar of the French Language*, newly edited by Paget Toynbee.

Subjects of examination in 1907 :—

- (a) Translation from English into French.
- (b) Translation from French into English.
- (c) René Doumic, *Histoire de la littérature française*.  
 Spencer, *Primer of French verse* (Pitt Press).
- (d) Books specially set :—  
 Molière, *Le Misanthrope*, ed. by E. W. G. Braunschweig (Pitt Press).  
 Voltaire, *Siècle de Louis XIV.*, Part I. (Pitt Press).  
 Gautier, *Voyage en Italie*, ed. by Payen Payne (Pitt Press).  
 De Vigny, *Cinq-Mars* (Seipmann's French Series).
- (e) History of the French Language, Brachet's *Historical Grammar of the French Language*, newly edited by Paget Toynbee (Clar. Press).

Students are recommended to read, in addition :—

Thierry, *Lettres sur l'histoire de France* (Pitt Press); Coppée, *Contes choisis* (ed. by M. F. Skeat); V. Hugo, *Les travailleurs de la mer*; P. Loti, *Pêcheur d'Islande*; A. Daudet, *Lettres de mon moulin*; E. About, *Le roi des Montagnes* (Pitt Press); *Choix de lettres du XVIII. siècle*, ed. by G. Lanson (Hachette).

#### 4. GERMAN.

The course of lectures is begun every year, and is completed in two years. Fee for course, £4 4s., or 14s. per term.

Subjects of examination in 1906 and 1907 :—

- (a) Translation from English into German.
- (b) Translation from German into English.
- (c) History of the German Language.
- (d) History of German Literature.

(e) Books specially set :—

Lessing, *Laokoon*, ed. Hamann and Upton (Clarendon Press).

Goethe, *Iphigénie*, ed. Bruel (Pitt Press).

Schiller, *Ueber naive und sentimentalische Dichtung*, ed. Egger and Rieger (Wien, Karl Grueser).

Goethe, *Faust*, Part I., ed. Jane Lee (Macmillans).

Selss, *Brief History of the German Language* (Longmans).

Klee, *Grundzüge der deutschen Literaturgeschichte* (Berlin, Bondi).

#### 5. ENGLISH LANGUAGE AND LITERATURE.

The course of lectures is given annually, and is completed in one year. It comprises the history of the language, the history of the literature, and study of prescribed books. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of examination in 1906 :—The Professor's lectures, and the following books :—

##### I.

History of the English Language. Special book :—Lounsbury, T. R. *History of the English language*.

##### II.

History of English Literature. Spenser to Tennyson, with special reference to Hales's *Longer English poems*. Lectures on the English Drama will be delivered in the course on Shakespeare.

##### III.

Poetry. Special books :—

1. Chaucer, G. *Prologue, the Knightes tale, the Nonne preestes tale*; ed. by R. Morris; new ed. by W. W. Skeat. (Clarendon Press). 2s. 6d.
2. Shakespeare, W. (a) *Twelfth Night*; ed. by K. Deighton, (Macmillan & Co.) 1s. 9d.  
(b) *Hamlet*; ed. by E. K. Chambers. (Warwick Shakespeare). 1s. 6d.  
(c) *King Lear*; ed. by D. N. Smith, M.A. (Warwick Shakespeare).
3. Browning, R. *Selections*; ed. by Smith & Elder, 1s.

## IV.

Prose. Special book :—

1. Milton, *Areopagitica*. Ed. by H. B. Cotterill, M.A. Macmillan & Co., 1904. 2s.

[The John Howard Clark Scholarship is awarded as the result of this Examination.]

## 6. ENGLISH HISTORY

The course of lectures is given every second year, and is completed in one year. It will be given in 1907. Fee for the course, £4 4s., or £1 8s. per term.

Subjects for examination in 1907 :—

The professor's lectures and the following books :—

- Gardiner, S. R. *The Puritan Revolution (Epochs of Modern History)*. 2s. 6d.  
 Seeley, Sir J. R. *Expansion of England*. Macmillan. 3s. 6d.  
 Bagehot, W. *English constitution*. (Paternoster library). Paul. 3s. 6d.

NOTE.—Some knowledge of the outlines of English history as set down in J. R. Green's *Short History of the English people*, or S. R. Gardiner's *Student's History of England*, is assumed.

## 7. BRITISH IMPERIAL AND COLONIAL HISTORY.

## 8. ECONOMICS.

The course of lectures is given every second year, and is completed in one year. It will not be given in 1906. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of Examination in 1906 :—

The professor's lectures in 1905, together with these text-books :—

- Marshall, *Economics of Industry*.  
 Mill, *Political Economy*.  
 Scott, *Money and Banking*.  
 Gibbins, *History of Commerce in Europe*.

## 9. MENTAL SCIENCE.

Courses of lectures on Psychology, Logic, and on Philosophy will be given every year, and on Ethics every second year. These courses are all completed in one year. Lectures will be given on Ethics in 1906. Fee for each course, £2 2s., or 14s. per term.

Subjects of examination—The professor's lectures, with the following text-books :—

## 9A. PSYCHOLOGY.

The course of lectures is given every year, and is completed in one year. Fee for the course, £2 2s., or 14s. per term.

Subjects of examination :—

- The professor's lectures, with the following text-books :—  
 Stout, *Manual of Psychology*.  
 Huxley, *Elementary Physiology* (new edition), chaps. 8-11.



## 9B. LOGIC.

The course of lectures is given every year, and is completed in one year. Fee for the course, £2 2s., or 14s. per term.

Subjects of examination:—

The professor's lectures, with the following text-books:—

Creighton, *An Introductory Logic*; or  
Fowler, *Deductive and Inductive Logic*; or  
Jevons, *Elementary Lessons in Logic*.

*The Roby Fletcher Prize is awarded on the results of the examinations in 9A and 9B.*

## 9C. ETHICS.

The course of lectures is given every second year, and is completed in one year. It will be given in 1906. Fee for the course, £2 2s., or 14s. per term.

Subjects of examination:—

The professor's lectures, with the following text-books:—

Mackenzie, *Manual of Ethics*.  
Sidgwick, *History of Ethics*.

## 9D. PHILOSOPHY.

The course of lectures is given every year, and is completed in one year. Fee for the course, £2 2s., or 14s. per term.

Subjects of examination:—

The professor's lectures, with the following text-books:—

Fullarton, *System of Metaphysics*.  
Schwegler, *History of Philosophy*.

Hume, *Enquiry concerning Human Understanding*.

## 9E. EDUCATION.

Lectures on the History of Education will be given in 1906 and on the Theory of Education in 1907. Fee for each course, £1 1s., or 7s. per term.

The examination is confined to the Theory and History of Education, but both must be taken in the same year. In addition to the subject matter of the lectures, a knowledge of psychology is essential, and a general knowledge is expected of the chief educational writings from Plato to Froebel. Candidates should read Herbart, *Science of Education*; Findlay, *Principles of Class Teaching*; Quick, *Educational Reformers*.

## 10. PURE MATHEMATICS.

A course of lectures is begun every year, and is completed in two years. Fee for the course, £4 4s., or 14s. per term.

Subjects of examination:—

Algebra, Trigonometry, the most elementary portions of Analytical Geometry of Two Dimensions, and of the Infinitesimal Calculus.

The examinations of the two years may be taken separately or together.

Students should provide themselves with the following:—

Todhunter, *Algebra*

Todhunter, *Trigonometry*.

Smith, *Conic Sections*.

Edwards, *Differential Calculus for Beginners*.

Edwards, *Integral Calculus for Beginners*.

## 11. APPLIED MATHEMATICS.

A course of lectures is begun and completed each year. Fee for the course, £4 4s., or £1 8s. per term.

Subjects of examination :—

Statics, Dynamics, and Hydrostatics, treated with the aid of the elements of Analytical Geometry, and of the Infinitesimal Calculus.

Students should provide themselves with the following :—

Loney, *Dynamics*.

Greaves, *Statics*.

Besant, *Hydrostatics*.

N.B.—Before commencing this course, students should have attended at least half the course No. 10, Pure Mathematics.

## 12. PHYSICS.

A course of lectures is begun every year, and is completed in two years. Fee :—Lectures, £4 4s., or 14s. per term ; Laboratory work, £6 6s., or 14s. per term for the first three terms, £1 8s. per term for the remaining three terms.

The examinations of the two years may be taken separately or together.

Subjects of examination :—

The professor's lectures and the following text books :—

For the First Year :—

Aldous, *An Elementary Course of Physics*.

For the Second Year :—

Watson, *A Text Book of Physics*.

Glazebrook and Shaw, *Practical Physics*.

## 13. SPHERICAL TRIGONOMETRY AND ASTRONOMY.

No course of lectures is at present provided, but an annual examination is held.

Subjects of examination :—

Spherical Trigonometry, Astronomy, including the theory and use of the telescope, spectroscope, &c., elementary computations, and general descriptive Astronomy.

Text-books :—

McLelland & Preston, *Spherical Trigonometry*, Vol. I.

Godfray, *Treatise on Astronomy*.

Young, *Astronomy*.

## 14. INORGANIC AND ORGANIC CHEMISTRY.

The course of lectures in each subject is given every year. The lectures and examinations are identical with those of the first two years of the course for the M.B. degree, with the exception of the special quantitative analysis required for second year M.B. students. The examinations may be taken separately or together. Fee : Lectures, £4 4s., or 14s. per term for Inorganic course, and £1 1s. per term for Organic course. Laboratory work, £6 6s., or £1 1s. per term.

## 15. GEOLOGY AND MINERALOGY.

## PART I.

Fees and subjects of examination for 1906 :—The same as prescribed for the B.Sc. Degree.

## PART II.

Subjects for examination for 1906 :—Section A—Students may take any two of the subjects G, H, I, as prescribed for the B.Sc. Degree. Section B—Students are required to take Optical Mineralogy and Petrology, K and L, as prescribed for the B.Sc. Degree. Fee, £5 5s. per annum, or £1 15s. per term.

## 16. ELEMENTARY BIOLOGY AND PHYSIOLOGY.

BIOLOGY.—This course is given annually, and is completed in one year. Lecture fee for course, £6 6s., or £2 2s. per term.

Subjects for examination :—The same as for Biology in the first year of the medical course.

PHYSIOLOGY.—Candidates will be required to attend the same course of lectures and demonstrations as for the second year of the M.B. Degree. Lecture fees for course, £12 12s., or £4 4s. per term ; fee for examination, £1 1s.

## 17. MODERN EUROPEAN HISTORY, 918-1273.

(For students under old B.A. Regulations.)

The course of lectures will be given in 1906. Fee for the course, £4 4s., or £1 8s. per term.

Subjects for examination in 1906 :—

The professor's lectures and the following books :—

Bryce, J. *The Holy Roman Empire*. 1904 edition. 7s. 6d.

Archer, T. A., ed. *Crusade of Richard I. (English history by contemporary writers)*. Nutt. 3s.

Joinville, Sire de. *Saint Louis, king of France*. Low. 2s. 6d. net.

*Francis of Assisi, saint. Mirror of perfection; written by Brother Leo of Assisi; ed. by P. Sabatier; tr. by S. Evans*. Nutt. 2s. net.

Hallam, H. *View of the state of Europe during the Middle Ages—Murray*. 7s. 6d.

NOTE.—The first four books should be purchased by the student.

## II. FOR THE HONOURS DEGREE.

## NOTE BY THE DEAN OF THE FACULTY OF ARTS.

*At the outset of his University Course a Student ought to decide whether he will study for the Ordinary Degree or the Degree with Honours. The subjects for the Ordinary Degree which a Student in Honours must take are specified in the Regulations, and he is not required to take any others, but he should have passed in all of these subjects a year at least before he takes the final examination. The lectures which a Student in Honours must attend throughout his Course, in addition to lectures on the subjects for the Ordinary Degree, are prescribed by the Professors of the several subjects in which the Degree with Honours may be taken.*

## A. Classics.

The examination will comprise—

- (a) Translation into Greek prose and verse.†
- (b) Translation into Latin prose and verse.†
- (c) Translation from Greek into English.
- (d) Translation from Latin into English.
- (e) Questions on Grammar, and the Elements of Comparative Philology, as applied to the Greek and Latin languages.
- (f) Questions on Greek and Roman History, and on the subject matter of such Greek and Latin books as may be specially chosen.
- (g) Books specially chosen for 1906 and 1907—
  - The Iliad, Books I. and XVIII.*
  - The Odyssey, Books I. and IX.*
  - Aeschylus, Prometheus Bound.*
  - Pindar, Isthmian Odes.*
  - Sophocles, Oedipus the King.*
  - Aristophanes, The Frogs.*
  - Herodotus, Book I.*
  - Thucydides, Books I and VIII.*
  - Plato, Phaedo; Republic, Books I and II.*
  - Demosthenes, Select Private Orations (Paley and Sandys).*
  - Plautus, Trinummus.*
  - Lucretius, Book I.*
  - Vergil, Aeneid, Books I. and VI.*
  - Horace, Carmina, Book III.; Epistles, Book I.*
  - Juvenal, The 14 Satires in J. D. Duff's edition.*
  - Cicero, Letters to Atticus, Book I.; Tusculan Disputations, Book I.; The Second Philippic.*
  - Livy, Books I. and XXI.*
  - Tacitus, Ab excessu Divi Augusti, Book I.*

† Translation into verse is optional.

**B. History.**

In addition to the requirements of Regulation IV., candidates must select one of the two following Divisions (a) or (b):—

**(a) The Puritan Revolution, 1642–1660.****1. GENERAL—**

Gardiner, S. R. *History of the great civil war, 1642–1649.* 4v. Longmans. 24s.

*History of the commonwealth and protectorate.* 3v. Longmans. 42s.

Ranke, L. von. *History of England, principally in the seventeenth century, tr. G. W. Kitchen and C. W. Boase.* Clarendon Press. 63s.

**2. ORIGINAL—**

Gardiner, S. R. *Constitutional documents of the Puritan revolution.* Clarendon Press. 10s. 6d.

*Clarke MSS.; ed. by C. H. Firth.* (Camden Society publications).

*Memoirs of the Verney family during the civil war; ed. by F. P. Verney.* Vol. 1–3. Longmans. 21s. each.

**(b) Early English Constitutional History, from the beginning to 1295.****1. GENERAL—**

Stubbs, W., *Constitutional history of England in its origin and development, vol. 1–2.* Clarendon Press. 3 v. for 12s.

Maitland, F. W. *Domesday book and beyond.* Cambridge University Press. 15s.

Pollock, Sir F., and Maitland, F. W. *History of English law.* 2nd. ed. Cambridge University Press. 40s.

**2. ORIGINAL—**

Stubbs, W. *Select charters and other illustrations of English constitutional history.* Clarendon Press. 8s. 6d.

To obtain honours candidates must show a knowledge of the original authorities mentioned in the above lists of books.

All the books in these lists are to be found in the University Library.

**C. Philosophy.**

Subjects of Examination in addition to requirements of Regulation IV. :—

A more complete knowledge of Psychology, Logic, Ethics, and Philosophy.

Candidates for this examination should intimate their intention to the Professor as soon as possible, and learn what lectures will be given, and what books are prescribed for private reading.

**D. Mathematics.**

Subjects for the final examination :—

Analytical Geometry, Infinitesimal Calculus, Analytical Statics, Dynamics of a Particle, Hydrodynamics, Elementary Rigid Dynamics.

**Fees.**

The fee for lectures in each of the above departments is £10 10s. per annum, or £3 10s. per term.

## OF THE DEGREE OF MASTER OF ARTS.

## REGULATIONS.

- I. Candidates may obtain either the Ordinary or the Honours Degree of Master of Arts.
- II. No candidate shall be admitted to the Degree of Master of Arts until after the expiration of two academical years from the time at which he obtained the Degree of Bachelor of Arts in this or in some other University recognised by this University.
- III. Candidates for the Ordinary Degree shall attend lectures and pass examinations in three of the following subjects, other than those in which they have already passed in order to qualify for the Degree of Bachelor of Arts, or for any other degree:—
  1. *Greek.*
  2. *Latin.*
  3. *French.*
  4. *German.*
  5. *English Language and Literature.*
  6. *History of the United Kingdom.*
  7. *British Imperial and Colonial History.*
  8. *Modern European History.*
  9. *Economics.*
  10. *Mental and Moral Science:—*
    - (A) Psychology, (B) Logic, (C) Ethics.
    - (D) Philosophy, (E) Education. Psychology and one other of these branch-subjects are reckoned together as one subject qualifying for the degree; Psychology and three others as two subjects.
  11. *Pure Mathematics.*
  12. *Applied Mathematics.*
  13. *Physics.*
  14. *Spherical Trigonometry and Astronomy.*
  15. *Inorganic and Organic Chemistry.*
  16. *Geology, Part I. and Part II.*
  17. *Elementary Biology and Physiology.*

The names of candidates who pass the examinations for the Ordinary Degree shall be arranged alphabetically in three classes.

IV. To obtain the Honours Degree a candidate must have obtained the Honours degree of Bachelor of Arts in the department of study in which he desires to obtain the Master's degree, viz.,

- A. *Classics,*
- B. *History,*
- C. *Philosophy,*
- D. *Mathematics,*

and must further satisfy the following requirements :

A. A Candidate in Classics shall satisfy the professor that he has been engaged in a course of classical study for at least two years after taking the degree of Bachelor of Arts, and shall pass an examination in classics. He may also submit an original piece of work, the subject to be chosen in consultation with the professor.

B. A candidate in History shall prepare a thesis, and present himself for examination in General European History and a special period. At least two years before he presents himself for examination he shall consult with the professor concerning the choice of a period and the subject of his thesis. The thesis shall be sent to the Registrar not later than the thirtieth day of September in the year in which he presents himself for examination.

C. A candidate in Philosophy shall pass an examination in Metaphysics and the History of Philosophy, and shall present an original thesis on a topic of Psychology, Logic, Ethics, or Metaphysics. The subject and the probable length of the thesis must be intimated to the Professor and approved of by him one year at least before the candidate presents himself for examination. The thesis shall be sent to the Registrar not later than the thirtieth day of September in the year in which he presents himself for examination.

D. A candidate in Mathematics shall pass an examination in Mathematics.

V. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council, and no candidate shall be excused attendance in more than one subject in any one year. All candidates so exempted shall be required to do such written or practical work as may be prescribed by the Professor or Lecturer.

VI. Schedules defining the range of study for lectures, laboratory work, and examinations, shall be drawn up by the Faculty

of Arts, subject to the approval of the Council, and shall be published as early as possible in each year.

VII. All examinations referred to in the foregoing regulations shall take place in November of each year. Candidates shall enter their names a month before the day fixed for examination, and shall present certificates showing that they have regularly attended the prescribed lectures and done written, laboratory, or other practical work (where such is required) to the satisfaction of the Professors or Lecturers. Written or practical work done by candidates by direction of the Professors or Lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

VIII. Candidates who have obtained the Degree of Bachelor of Arts at a University recognised by this University may become candidates for either the Ordinary or the Honours Degree on conditions prescribed by the Council.

IX. The undermentioned fees shall be paid in advance:—

	Entire course.	Examination.
For the Ordinary Degree—		
Greek, Latin, French, German, English Language and Literature, History of the United Kingdom, British Imperial and Colonial History, Modern European History, Economics, Pure Mathematics, Applied Mathematics, Astronomy, each ... ..	4 4 0	2 2 0
Psychology, Logic, Ethics, Philosophy, Education, each ... ..	2 2 0	1 1 0
Physics, Chemistry, each ... { Lectures ...	4 4 0	} 2 2 0
... { Laboratory work	6 6 0	
Geology, parts I. and II. (including examination)	14 14 0	
{ Elementary Biology ... ..	5 5 0	1 1 0
{ Physiology ... ..	8 8 0	1 1 0
For the Honours Degree:—		
Fee for Examinations, Thesis, or both ... ..	10 10 0	
For the Degree of Master of Arts— ... ..	5 5 0	

Candidates exempted from attendance at lectures in any subject shall, in addition to the examination fee, pay half the lecture fee for that subject during such period of exemption.

Candidates who fail in any examination are not exempted from payment of fees on entering again for examination in the same subject.



Candidates who wish to take a course of lectures a second time may do so on payment of half fees, but full fees shall be required for Laboratory work.

The fees which Candidates pay for a course of lectures or an examination which they afterwards find themselves unable to attend shall not be returned, unless the Council shall otherwise determine.

- X. All previous Regulations concerning the degree of Master of Arts are hereby repealed, but candidates who have graduated as Bachelors of Arts in or before the year 1904 may take the Ordinary Degree of Master of Arts under the Regulations and Schedules as set out in the Calendar for 1904. But they must select Greek, Latin, French, or German, as one of their subjects, if they have not already passed in one of them for the Bachelor's Degree.

Allowed 2nd August, 1905.

## SCHEDULES DRAWN UP UNDER No. VI. OF THE FOREGOING REGULATIONS.

### I. FOR THE ORDINARY DEGREE.

For the Ordinary Degree the lectures and examinations in all subjects except No. 8, Modern European History, are the same as for the corresponding subjects in the course for the Ordinary Degree of Bachelor of Arts.

#### 8. MODERN EUROPEAN HISTORY, 918-1273.

The course of lectures will be given in 1906. Fee for the course, £4 4s. or £1 8s. per term.

Subjects for examination in 1906 :—

The professor's lectures and the following books :—

- Bryce, J. *The Holy Roman Empire*. 1904 edition. 7s. 6d.  
 Archer, T. A., ed. *Crusade of Richard I. (English History by contemporary writers)*. Nutt. 3s.  
 Joinville, Sire de. *Saint Louis, king of France*. Low. 2s. 6d. net.  
*Francis of Assisi, saint. Mirror of perfection; written by Brother Leo of Assisi; ed. P. Sabatier; tr. by S. Evans*. Nutt. 2s. net.  
 Hallam, H. *View of the state of Europe during the Middle Ages*. Murray, 7s. 6d.

NOTE.—The first four books should be purchased by the student.

## II. FOR THE HONOURS DEGREE.

## A. CLASSICS.

The Examination will be in the following subjects :—

- (a). Translation into English from Greek and Latin writers.
- (b). Greek and Latin Prose Composition.
- (c). Grammar, textual Criticism, and Comparative Philology as applied to the Greek and Latin Languages.
- (d). Subjects for special study for 1906—  
Homer—*The Odyssey*.  
Seneca—*Epistles*.

Candidates will be required to write an essay on some theme connected with the subjects of examination.

Students who propose to read Classics with a view to entering for the M.A. Examination are advised to take the earliest opportunity of consulting the Professor of Classics about their course of reading.

## B. HISTORY.

Subjects for examination :—

(a) **The first three Crusades.**

## 1. GENERAL—

Archer, T. A., and Kingsford, C. L. *Crusades: the story of the Latin kingdom of Jerusalem. (Story of the nations)*. Unwin. 5s.

Sybel, H. von. *History and Literature of the Crusades; tr. and ed. by Lady Duff Gordon*. Chapman.

## 2. ORIGINAL—

*Gesta Francorum.*

*Raymond de Agiles.*

*Fulcher de Chartres.*

*Odo de Deuil.*

*William of Tyre. Books XVI., XVIII., ch. 1-8.*

*Bohd-ed-din.*

NOTE.—These Chronicles are to be found in the University Library under title of "*Receuil des historiens des Croisades, etc.*"

## C. PHILOSOPHY.

Candidates will be orally examined on the literature connected with the subject of their thesis. The written examination will require a critical knowledge of current doctrines in philosophy. A paper will also be set on books selected by the candidates for special study and approved by the Professor.

## D. MATHEMATICS.

Candidates may present themselves for examination either in Pure Mathematics or in Applied Mathematics; but will in either case be expected to show a competent knowledge of the following preliminary portions of Mathematics, that is to say, of:

Algebra, the simpler properties of Equations and Determinants.  
Plane Trigonometry.  
Elementary Analytical Geometry of Two and Three Dimensions.  
The Elements of the Differential and Integral Calculus, with their simpler applications to Geometry.  
The solution of such ordinary Differential Equations as occur in Dynamics.  
The Statics of Solids and Fluids.  
The Kinetics of a particle.

Candidates who present themselves in Pure Mathematics will further be examined in

The Theory of Equations, the higher parts of Analytical Geometry of Two and Three Dimensions, and of the Infinitesimal Calculus.

Candidates who present themselves in Applied Mathematics will be examined in

The Dynamics of Rigid Bodies, and of Material Systems in general.  
Hydrodynamics.  
The Theories of Sound and Light.  
Theory of Attractions.

*Candidates who have taken the Degree of B.A. under the Old Regulations may, if they prefer it, proceed to the Degree of M.A. under the Old Regulations. For syllabus see Calendar for 1901.*

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## OF THE DEGREE OF BACHELOR OF SCIENCE

## REGULATIONS.

- I. Candidates may obtain either the Ordinary or the Honours Degree of Bachelor of Science.
- II. To obtain the Degree, whether the Ordinary or the Honours Degree, every candidate
- (a). Must be a matriculated student of the University.
  - (b). Before matriculating must pass the Senior Public Examination, including in such examination the subject of Mathematics ; or satisfy the Faculty of Science of his fitness to enter upon the course of study which he proposes to take for the degree.
  - \*(c). Must, after matriculation, spend three academical years at least in his course of study at the University, or, if a candidate for the Diploma in Applied Science, partly at the University and partly at the South Australian School of Mines and Industries, as the Regulations of the Diploma shall direct.
  - \*(d). Must pass in two of the following languages in the Senior Public Examination : Latin, Greek, French, German, provided that one of the two is French or German.

Candidates for the Ordinary Degree must also *either* attend regularly courses of lectures and pass examinations in Mathematics, Physics, Chemistry, and Elementary Biology within a range of study to be annually defined in the Schedules hereinafter mentioned and therein to be called the compulsory subjects of the Degree of Bachelor of Science, and fulfil the requirements of Regulation IV., or, complete one of the courses for the Diploma in Applied Science.

Candidates for the Honours Degree must attend lectures and pass examinations in the Compulsory Subjects, and must fulfil the requirements of Regulation V.

\* Allowed 3rd April, 1903.

- †III. Students who at the Higher Public Examination have shown special excellence in Mathematics may be exempted from attendance at lectures, and from passing the Examination in Compulsory Mathematics.

† Allowed 7th August, 1901.

IV. Candidates for the ordinary degree are required to attend lectures regularly and pass examinations

\*(a). In two of the following five subjects :—

1. *Mathematics, Pure and Applied.*
2. *Physics.*
3. *Chemistry.*
4. *Physiology.*
5. *Geology and Mineralogy.*

\* Allowed 9th April, 1902.

or,

(b). In the following subjects, which form a special course for students desirous of studying Agriculture :—

- Chemistry.*  
*Geology.*  
*Agriculture.*  
*Viticulture and Œnology.*

†V. Candidates for the Honours Degree are required to attend lectures regularly, and pass examinations in one of the following Departments, but they may take Honours in more than one Department :—

1. *Mathematics.*
2. *Physics.*
3. *Chemistry.*
4. *Physiology and Physiological Chemistry.*
5. *Geology and Palæontology.*
6. *Mineralogical Geology.*

Candidates for Honours in any Department are required to pass the prescribed Examination in the corresponding subjects for the Ordinary Degree before, or in the same year as they sit for the Honours Examination.

The names of candidates who pass with Honours shall be arranged alphabetically in three classes under each department.

† Allowed 9th April, 1902

VI. All Examinations referred to in the foregoing regulations shall take place in November of each year. Candidates must enter their names a month before the day fixed for examination, and must present certificates showing that they have regularly

attended the prescribed lectures and done written, laboratory, or other practical work (where such is required) to the satisfaction of the Professors or Lecturers.

\*Written or practical work done by candidates by direction of the Professors or Lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

\* Allowed 12th August, 1903.

VII. Candidates may be excused attendance at lectures on any subject in which they desire to be examined, but only upon special grounds to be allowed by the Council.

NOTE.—*Any student obtaining an exemption is recommended to apply to the proper Professor for information and advice respecting the subjects of the examination.*

VIII. No graduate who has obtained the Honours Degree of Bachelor of Arts in the department of mathematics can obtain the Honours Degree of Bachelor of Science in the corresponding department.

\*IX. Students who have passed examinations *in pari materia* in other Faculties or otherwise and desire that the examinations they have passed should be counted *pro tanto* for the Degree of Bachelor of Science may on application to the Council be granted such exemption from the requirements of these Regulations as the Council shall determine.

\* Allowed 9th April, 1902.

\*X. Students from other Universities or Technical Schools who may desire that the instruction they have received and the examinations they have passed be counted *pro tanto* for the degree of Bachelor of Science of this University may, on application to the Council, be granted such exemption from the requirements of these Regulations as the Council shall determine.

XI. Schedules defining the range of study for lectures, laboratory, and other practical work and examinations shall be drawn up by the Faculty of Science, subject to the approval of the Council, and shall be published as early as possible in each year.

\*XII. The following fees shall be paid by other than Diploma students in such instalments as the Council shall from time to time determine, each instalment being payable in advance:—

\* Allowed 3rd April, 1903.

## † A. FOR COMPULSORY SUBJECTS :—

					Entire Course.
Mathematics	...	...	...	...	£3 3 0
Physics	{	Lectures	...	...	2 2 0
		Laboratory Work	...	...	3 3 0
Chemistry	{	Lectures	...	...	2 2 0
		Laboratory Work	...	...	4 4 0
Elementary Biology	...	...	...	...	6 6 0

† Allowed 2nd August, 1905.

## B. ORDINARY DEGREE OF B.Sc. :—

Mathematics	...	...	...	...	13 13 0
Physics	{	Lectures	...	...	9 9 0
		Laboratory Work	...	...	18 18 0
Chemistry	{	Lectures	...	...	9 9 0
		Laboratory Work	...	...	18 18 0
Physiology—Lectures and Laboratory Work					22 1 0
Geology and Mineralogy—Lectures and Laboratory Work					21 0 0

The fees for Mathematics, Physics, Chemistry, and Physiology do not include the fees for the compulsory parts of those subjects.

## ‡ C. SPECIAL COURSE UNDER REGULATION IVb :—

					Entire course.
Chemistry	{	Lectures	...	...	£6 6 0
		Laboratory Work	...	...	18 18 0
Geology	...	...	...	...	8 8 0
Agriculture, Viticulture, and Oenology					{ For fee, see Schedules

† Allowed 7th December, 1905.

The fee for Chemistry does not include the fee for the compulsory part of that subject. The fee for Agriculture includes Board and Lodging at the Agricultural College during the days the student is attending Lectures there.

## D. Honours Degree of B.Sc.

					Per annum.
Mathematics	...	...	...	...	£10 10 0
Physics	...	...	...	...	18 18 0
Chemistry	...	...	...	...	18 18 0
Physiology and Physiological Chemistry					18 18 0
Geology and Palæontology					18 18 0
Mineralogical Geology					18 18 0

## E. Fee for the Degree of Bachelor of Science ... £3 3 0

Candidates who have been granted exemption from attendance at lectures in any subject of the courses referred to in clauses *A*, *B*, and *C* may enter for the written examination in that subject on payment of one third of the fees for the lectures in that subject.

Candidates who have been granted exemption from attendance at practical work in any subject of the courses referred to in Clauses *A*, *B*, and *C* may enter for examination in that subject on payment of the following fees :—

Compulsory Chemistry or Biology	...	...	£1	1	0
Any other Subject	...	...	£2	2	0

Candidates who have been granted exemption from attendance at lectures or practical work in any of the Honours courses referred to in Clause *D* may enter for the final examination of that course on payment of a fee of £5 5s.

Students who wish to take a course of lectures a second time may do so on payment of half fees, but full fees will be required for a repeated course of Laboratory work.

Students who have entered under the Regulations hereby repealed may proceed thereunder notwithstanding such repeal, or may be allowed by the Council to proceed under the Regulations hereby substituted therefor, on such terms as the Council shall in each case allow.

*\*Allowed 3rd April, 1903.*

XIII. All previous regulations concerning the Degree of Bachelor of Science are hereby repealed, but students who shall have completed the first or second year of their course in 1899 shall have the option of continuing under the regulations in force when they entered upon the course, or of coming under these regulations. If they shall elect to continue their course under these regulations, they shall receive credit for the lectures they have attended and the examinations they have passed under the previous regulations.

*NOTE.—Students before taking their degree in Agriculture must conduct an experiment on some agricultural subject, and submit a report of the same.*

*The fees payable by Diploma students in respect of their Diploma course are prescribed in Schedules in accordance with the Regulations "Of the Diploma in Applied Science."*



## SCHEDULES.

The days and hours are not finally fixed before the end of February, by which date all intending students should intimate to the Registrar (1) the Lectures, &c., which they desire to attend during the ensuing session, and (2) whether they are engaged in other work during the day or evening, and at what hours.

### DETAILS OF SUBJECTS FOR THE B.Sc. DEGREE FOR 1906.

#### COMPULSORY SUBJECTS.

##### COMPULSORY MATHEMATICS.

A course of lectures is given annually.

Subjects of examination in 1906 :

- (a). Geometry of the straight line and circle : the Theory of Proportion and of Similar Rectilinear Figures : Elementary Solid Geometry.
- (b). The Elements of Algebra as far as the Binomial Theorem.
- (c). The Elements of Trigonometry as far as the Solution of Triangles.

Text-books recommended :

Hall & Stevens—*A text-book of Euclid's Elements.*

Hall & Knight—*Elementary Algebra*, the new edition or the old edition together with supplementary pamphlet on Graphical Algebra.

Lock—*Elementary Trigonometry.*

Fee for the Course, £3 3s. ; or £1 1s. per term.

##### COMPULSORY PHYSICS.

A course of lectures is given annually.

Subjects of examination—The Professor's Lectures and the following text books :

Daniell—*Physics for Students of Medicine*; or

Aldous—*An Elementary Course of Physics.*

Fee—For Lectures, £2 2s., or 14s. per term; for Laboratory Work, £3 3s., or £1 1s. per term.

##### COMPULSORY CHEMISTRY.

A. LECTURES. This Course is given annually and is completed in one year

Subjects of examination in 1906—

Properties of gases. Thermometry.

Latent heat and production of cold.

Distinction between physical and chemical properties.

Chemical action.

The atomic theory.

Laws of combination. Atomic and molecular weights.

Valency. Periodic law. Law of Dulong and Petit.

Elementary Chemistry of the following elements and compounds :—

Hydrogen, oxygen, ozone, water.  
 Hydrogen peroxide. Nitrogen and its oxides.  
 Nitrous acid. Nitric acid. The atmosphere.  
 Ammonia and its compounds. Hydroxylamine, hydrazine, hydrazoic acid.  
 Carbon and its oxides. Carbonic acid and carbonates  
 Methane, ethylene, acetylene, and allied hydrocarbons.  
 Combustion and structure of flame.  
 Chlorine, bromine, iodine, and their oxides and derived acids.  
 Fluorine and hydrofluoric acid.  
 Sulphur, its oxides and derived acids, the thionic acids excepted.  
 Sulphuretted hydrogen.  
 Sulphur chlorides. Carbon bisulphide.  
 Phosphorus, its oxides and derived acids.  
 Phosphoretted hydrogen. Phosphorus chlorides.  
 Arsenic and antimony, their oxides, hydrides, chlorides, sulphides, and derived acids.  
 Silicon and boron and their oxides, hydrides, chlorides, and derived acids.  
 Helium, Argon and other similar gases.

The Elementary Chemistry of the following metals :—

Sodium, potassium, lithium.  
 Copper, silver, gold,  
 Calcium, strontium, barium, radium.  
 Magnesium, zinc, cadmium, mercury.  
 Aluminium.  
 Tin, lead.  
 Bismuth.  
 Chromium, molybdenum.  
 Manganese, iron, cobalt, nickel, platinum.

**B. PRACTICAL CHEMISTRY.** This course is given annually and is completed in one year.

The practical work will consist of the qualitative analysis of simple salts and simple mixtures of salts, excluding phosphates insoluble in water and silicates.

**EXAMINATION.** The examination in compulsory Chemistry includes *both* theoretical and practical chemistry. These cannot be taken separately.

Books recommended :

Introduction to the study of Chemistry, Remsen. Students proceeding to more advanced courses in Inorganic Chemistry should get Newth's. Inorganic Chemistry instead of Remsen's. Qualitative Chemical Analysis, Inorganic, Chapman Jones.

Fees.—For the Course of Lectures, £2 2s. Per term, 14s.

For Course of Practical Work, £4 4s. Per term, £1 8s.

#### COMPULSORY ELEMENTARY BIOLOGY.

This course is given annually and is completed in one year. Fee for course. £6 6s.; or £2 2s. per term.

Subjects for examination :

The same as for Biology in the First Year of the Medical course.

**SUBJECTS FOR THE ORDINARY DEGREE.****MATHEMATICS.**

To pass in Mathematics, Pure and Applied, the candidate must attend lectures regularly and pass examinations in—

- (a) Pure Mathematics I.,
- (b) Applied Mathematics ;

One of the following three—

- (c) Pure Mathematics II.,
- (d) Applied Mechanics.
- (e) Spherical Trigonometry and Astronomy.

(a). **PURE MATHEMATICS I.**—A course of lectures is begun every year, and is completed in two years. The lectures of the first year are identical with those given in Compulsory Mathematics. Students who have passed, or been exempted from, the examination in Compulsory Mathematics, are required to take the lectures of the second year only of the course. Fee for the course, £3 3s., in addition to the fee for Compulsory Mathematics, or £1 1s. per term.

Subjects of examination :—Algebra, Trigonometry, the most elementary portions of Analytical Geometry of Two Dimensions, and of the Infinitesimal Calculus.

Text-books recommended—

Todhunter—*Algebra*.

“ *Trigonometry*.

Smith—*Conic Sections*.

Edwards—*Differential Calculus for Beginners*.

“ *Integral Calculus for Beginners*.

(b) **APPLIED MATHEMATICS.**—A course of lectures is given annually. Fee for the course, £5 5s., or £1 15s. per term.

Subjects of examination :—Statics, Dynamics, and Hydrostatics, treated with the aid of the elements of Analytical Geometry and of the Infinitesimal Calculus.

Text-books recommended—

Greaves—*Statics*.

Loney—*Dynamics*.

Besant—*Hydrostatics* (new edition).

(c) **PURE MATHEMATICS II.**—A course of lectures is given annually. Fee, for the course, £5 5s., or £1 15s. per term.

Subjects of examination :—Analytical Geometry of Two Dimensions, Infinitesimal Calculus.

Text-books recommended—

Smith—*Conic Sections*.

Edwards—*Differential Calculus*.

Todhunter—*Integral Calculus*.

(d) **APPLIED MECHANICS.**—A course of lectures is given annually. Fee for the course, £4 4s., or £1 8s. per term. Subjects of examination :—

The strength of materials and their behaviour under stress.

The properties of Australian timbers for engineering purposes.

The testing of materials.

Strength and stiffness of beams. Bending moment and shearing force diagrams. Moments of resistance. Distribution of shearing stresses. Deflection of beams. Beams with fixed ends. Continuous beams. Strength of hooks.

Riveted joints.

The strength of struts and columns. Forms of built-up columns, with calculation and design.

The design of plate girders.

Calculations regarding the stresses on framed structures, as iron roofs and bridges. The application of graphic statics to such cases. Examples of design.

The strength of cylinders and pipes against internal pressure.

The torsion of shafts. Combined twisting and bending.

The stability of structures under the action of wind, earth, or water pressure. Dams and retaining walls.

*Students will assist at practical demonstrations on the testing of materials in the Engineering Laboratory.*

Text-book—Goodman's "Mechanics Applied to Engineering."

(e). SPHERICAL TRIGONOMETRY AND ASTRONOMY.—No course of lectures is at present provided, but an annual examination is held.

Subjects of examination:—Spherical Trigonometry, Astronomy, including the theory and use of the telescope, spectroscope, &c., elementary computations, and general descriptive Astronomy.

Examinations.—The fee for examination in the year's work in Pure Mathematics is £1 1s. The parts may be taken separately or together.

The fee for examination in *b*, *c*, *d*, or *e* is, in each case, £1 1s.

## PHYSICS.

A course of lectures is begun every year, and completed in three years. The lectures of the first year are identical with those given in Compulsory Physics.

Fee for the first year's Lectures, £2 2s., or 14s. per term.

" " Laboratory Work, £3 3s., or £1 1s. per term.

" second year's Lectures, £4 4s., or £1 8s. per term.

" " Laboratory Work, £8 8s., or £2 16s. per term.

" third year's Lectures, £5 5s., or £1 15s. per term.

" " Laboratory Work, £10 10s., or £3 10s. per term.

Text-books recommended:

For the first year—As above.

For the second year—

Watson—*A Text-book of Physics.*

Glazebrook and Shaw—*Practical Physics.*

For the third year—

Preston—*Light.*

Pre s *Heat.*

J. J. Thomson—*Electricity and Magnetism.*

NOTE.—A student exempted from attendance at practical work may be required to pass a practical examination.

## CHEMISTRY.

**LECTURES.** The lectures on this subject will extend over two years, but will be divided into two parts.

Fee for whole course, £9 9s. Fee for Part I., £4 4s.; or £1 8s. per term. For Part II., £5 5s.; or £1 15s. per term.

**PART I.**—A more detailed study of the subjects of Compulsory Chemistry and the Elementary Chemistry of rubidium, caesium, titanium, zirconium, tungsten, molybdenum, vanadium, selenium, tellurium, and the platinum group of metals.

The elementary study of the theory of gases, the atomic theory, and the determination of atomic weights. Valency. The periodic law. Solutions. Thermo-chemistry. Electrolysis. Mass action. Dissociation. Chemical affinity.

This course will be given every year.

Books recommended :

Inorganic Chemistry Newth. Introduction to Physical Chemistry, Walker.

For consultation, Elements of Physical Chemistry, Jones; Roscoe and Schorlemmer's Chemistry.

**\*PART II.**—Elementary and Advanced Organic Chemistry, including both the fatty and aromatic compounds. This course will be given in 1904 and every second year thereafter.

\* NOTE.—If both parts should be required in any one year to meet the requirements of Students proceeding under the old regulations, suitable provision will be made.

Books recommended :

Organic Chemistry, Bernthsen.

Organic Chemistry, Halleman.

For consultation, Roscoe & Schorlemmer's Chemistry.

**PRACTICAL CHEMISTRY.**—This course extends over two years and will be begun every year.

**PART I.**—The qualitative analysis of more complex mixtures, including phosphates, silicates, and cyanides; the qualitative analysis of alloys and substances containing selenium, tellurium, vanadium, tungsten, molybdenum, platinum, gold, titanium, and uranium.

The gravimetric estimation of aluminium, calcium, magnesium, and sulphuric acid in pure salts.

Analysis of magnesian limestone.

Complete analysis of crystallized copper sulphate.

The volumetric determination of iron by bichromate solution, the use of iodine and thio-sulphate solutions, and the volumetric estimation of calcium by permanganate solution. Acidimetry. Alkalimetry.

Fee for Part I., £6 6s.; or £2 2s. per term.

**PART II.**—Qualitative and quantitative analysis of both inorganic and organic substances, preparations of pure substances, determinations of melting and boiling points, vapour densities, &c.

Fee for Part II., £12 12s.; or £4 4s. per term.

**EXAMINATIONS.**—Students may be examined separately in Lectures Part I. or Part II., and in Practical Chemistry, Part I. or Part II.

## PHYSIOLOGY.

This course will extend over two years.

During the first year candidates will be required to attend the same courses of lectures and demonstrations as for the M.B. degree. During the second year an extended course of reading and laboratory work will be prescribed by the Professor.

It will be expected that candidates in this subject shall have a knowledge of Organic Chemistry to the extent prescribed for the M.B. degree, and of the elements of Physiological Chemistry. A laboratory course in Physiological Chemistry will be prescribed.

Fee for the whole course, £18 18s.; or £3 3s. per term.

Text-books.—Those recommended for the M.B. degree, and in addition Text-book of Physiology (Foster) and parts of Schäfer's Text-book of Physiology.

## GEOLOGY, MINERALOGY, AND PETROLOGY.

## PART I.

The course in Geology, Mineralogy, Petrology, and Palæontology will begin with the last term of each year and will extend over seven terms.

PART I.—Lectures and practical work will extend over four terms, commencing with the third term of each year, and will comprise Physiographical Geology, Elementary Mineralogy (including Crystallography), Petrology, Geology, and Palæontology.

A certain amount of field work will be done during the year. Students must present a thesis on such practical work, and will also be liable to examination in it. The thesis must be handed in with the candidate's notice of entry for examination.

## A. PHYSIOGRAPHY. Land Forms, Processes of waste and reconstruction.

Text Books :—

Lapworth's *Intermediate Text Book of Geology*, or  
Geikie's, Archibald, *Class Book of Geology*.

For Reference :

Davis, W. M. *Elementary Physical Geography*, also *Physical Geography*.

Geikie, Jas. *Earth Sculpture*.

Marr, John E. *Scientific Study of Scenery*.

Gregory, J. W. *Geography of Victoria*.

Herbertson's *Outlines of Physiography*.

## B. STRUCTURAL AND TECTONIC GEOLOGY.

Text Books :—

Geikie, Jas. *Structural and Field Geology*, or

Penning. *Text Book of Field Geology*.

For Reference :—

Chamberlin and Salisbury. *Geology Processes and their Results*.

Suess. *The Face of the Earth*.

Jukes-Browne. *Students' Hand Book of Physical Geology*.

C. ORGANIC REMAINS: their classification, order of succession, and geologic occurrence.

Text Books:

Wood. *Elementary Palæontology*.  
Seward. *Fossil Plants*.

D. CHRONOLOGICAL GEOLOGY, with special reference to Australian Geology.

Text Books:

Kayser and Lane. *Text Book of Comparative Geology*.  
Jukes-Browne. *Students' Handbook of Stratigraphical Geology*.

Practical accompanying B, C, and D. Geological section and map drawing, Study and determination of Fossil Types. Field work.

E. MINERALOGY. The course consists of both lectures and practical work.

*Lectures*, illustrated by a large collection of mineral specimens, will be delivered twice per week during first term, and will include

1. Introduction.
2. Crystallography.
3. Properties of minerals.
4. The classification and systematic description of minerals, including all the more abundant or important. Special attention will be paid to local occurrences.

Books of reference:

Miers, H. A. *Mineralogy; an introduction to the scientific study of minerals*. Macmillan & Co., London. 30s.

or, Dana, E. S. *Text book of mineralogy*. New ed. Wiley. 18s.

Moses, A. J. and Parsons, C. L. *Elements of mineralogy, crystallography, and blowpipe analysis*. New ed. Van Nostrand. \$2.00 net.

Rutley, F. *Mineralogy*, 12th ed. rev. Murby. 2s.

Krause, F. M. *Introduction to the study of mineralogy for Australian readers*. Robertson. 6s.

*Practical work*, occupying 4 hours per week, will include demonstrations on

1. Crystallography, embracing elements of crystals, use of contact goniometer, and determination of crystal forms belonging to the more important of the 32 classes.
2. Analysis of minerals by dry methods embracing the use of such apparatus\* and re-agents as may be conveniently carried into the field.

Text Book:

Brush, G. J. *Manual of determinative mineralogy*; rev. by S. F. Penfield. Wiley. 18s.

F. PETROLOGY. The course consists of both lectures and practical work.

*Lectures* will be delivered twice per week during the second term and will include

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\* Students are required to provide themselves with a few small pieces of apparatus, most of which can be purchased from the department at a cost of about 12s.

1. Introduction.
2. Rock forming processes, and problems relating to volcanic intrusion.
3. Classification and systematic description of rocks.
4. Ore deposits.

## Books of Reference :—

Williams, E. H. *Manual of Lithology*. Wiley.

Harker, A. *Petrology for students*. (*Cambridge natural science manuals*).  
Cambridge University Press. 7s. 6d.

Cole, G. *Aids in Practical Geology*. New ed. Griffin. 10s. 6d.

*Practical work*, occupying 2 hours per week, including demonstrations in

1. Hand specimen determinations.
2. The petrological microscope and accessory devices for determination of minerals in thin slices.
3. A systematic examination of the leading rock types by aid of the microscope and prepared sections.

Each student will be required to prepare and describe six satisfactory thin sections of rocks.

## Books of reference :—

Luquer, L. McL. *Minerals in rock sections*. Van Nostrand. \$1.50 net.

Fee for Lectures—£2 2s. per annum, or 14s. per term.

Fee for Laboratory work—£2 2s. per annum, or 14s. per term.

## PART II.

Divided into two alternative sections.

## SECTION A.

## G. ECONOMIC ASPECTS OF GEOLOGY.

For Reference :

Elsden, J. V. *Applied Geology*, Parts I. and II.

Pittman : *Mineral Resources of New South Wales*.

## H. PALÆONTOLOGY.

Text-books :

Zittel. *Text-book of Palæontology*, Vol. I. ; or,

Nicholson and Lydekker. *Manual of Palæontology*, Vol. I.

## I. DETAILED STUDY OF AUSTRALIAN GEOLOGY.

Practical work accompanying G, H, I. : Sectioning and study of the microscopic structures of fossil organisms. Problems in geological structure and section drawing. Field work.

## SECTION B.

MINERALOGY and PETROLOGY for candidates graduating under the ordinary B.Sc. Regulations.

## J. CRYSTALLOGRAPHY.

*Lectures* dealing comprehensively with the subject as set forth in the text-book will be delivered twice per week during the first term.



## Text-book :

Lewis, W. J. *A Treatise on crystallography*. Cambridge University Press. 18s.

*Practical Classes* will meet for six hours a week, conjointly with the lectures.

Instruction will be given in the measurement of crystals with the Fuess universal goniometer, and in projecting and drawing them to scale.

## K. OPTICAL MINERALOGY.

A course of fifteen *lectures* will be delivered twice per week during the second term until completed. The subject will be introduced by an outline of the theory and construction of the microscope, to be followed by a detailed discussion of the optical properties of minerals.

## Books of reference :

Miers, H. A. *Mineralogy*.

Dana, E. S. *Text-book of Mineralogy*.

Fletcher. *The Optical Indicatrix*.

Moses, A. J. *Characters of crystals*. Van Nostrand. 8s. 6d. net.

Rosenbusch, H. *Microscopical physiography of rock-making minerals* ;  
tr. by J. P. Iddings. 5th ed. Wiley. 21s.

*Practical demonstrations* occupying six hours per week will accompany the lectures, and consist of experiments illustrating the properties of doubly refracting minerals, manipulation of special accessory apparatus for use with the microscope, and determination of optic axial angle.

## L. PETROLOGY.

*Lectures* will be delivered twice per week, beginning after completion of the course in Optical Mineralogy, and continuing to the end of the third term. The subject will be introduced by a discussion of some of the more intricate problems in the origin and descent of rocks. Due consideration will then be given to recent petrographical methods. The subject will be concluded by a systematic general survey of rock types.

## Books of reference :

Rosenbusch, H. *Elemente der Gesteinslehre*. 2nd ed. Stuttgart.

Cross, Iddings, Pirsson, Washington. *Quantitative Classification of Igneous Rocks*.

Behrens, H. *Manual of microchemical analysis*. Macmillan.

Washington, H. S. *The Chemical Analysis of Rocks*.

*Practical demonstrations*, occupying six hours per week, will be held conjointly with the lectures.

*Fee*.—£11 11s. per annum, or £3 17s. per term.

## SPECIAL COURSE IN AGRICULTURE, VITICULTURE, AND OENOLOGY.

### CHEMISTRY.

**LECTURES.**—Part I.—*Inorganic and Physical Chemistry*—The same as for the B.Sc. course, Part I., theoretical and practical (see p. 112). Fee for course, £4 4s.; or £1 8s. per term.

Part II.—*Organic Chemistry*—The same as the M.B. or B.A. course in that subject, but with special reference to Agricultural Chemistry. Fee, £5 5s.; or £1 15s. per term.

PRACTICAL CHEMISTRY.—This Course extends over two years and will be begun every year. Fee for the course, £18 18s.; per term, £3 3s. The practical work will consist of complex qualitative and quantitative analysis, including analysis of soils, agricultural products, and manures.

### GEOLOGY.

Part I. of the Course as prescribed for the B.Sc. Degree (vide page 113).

### AGRICULTURE.

*This Course will extend over two years. Fee £30, or £15 per annum payable in advance.*

Illustrations of the relations of Physical and Natural Science with Agriculture.

#### 1. SOILS.

- (a) Origin, disintegration, distribution.
- (b) Chemical composition, nitrogen of the soil, nitrification, symbiosis, influence on nitrogen of humid and arid conditions; phosphorus, quantitative relations of phosphorus in soils and crops; other elements of plant food; injurious ingredients, acidity, exhaustion.
- (c) Physical texture, proximate constituents of soils; capillarity, surface tension, solution, soil water, rainfall in relation to yields, conservation of soil moisture.
- (d) Soil temperature—influence of water, aspect, and cultivation.
- (e) Sub-soils—aeration of soils and subsoils.
- (f) Amendments.
  1. Tillage operations.
  2. Subsoiling.
  3. Liming and use of lime compounds.
  4. Drainage.
- (g) Factors of fertility and indications of fertility.

#### 2. MANURES.

- (a) Farmyard manure: composition, fermentation, influence of foodstuffs, modes of application, effects on soil.
- (b) Artificial manures: sources, manufacture, application.
  1. Phosphatic fertilisers.
  2. Nitrogenous fertilisers.
  3. Potassic manures.
  4. Special manures.
- (c) History of the use of manures.

#### CROPS.

Rotations, general and special, modifications of the principles of rotation in relation to climatic conditions, catchcrops.

The several farm crops considered in detail—

- (a) History.
- (b) Botanical position.
- (c) Varieties.
- (d) Soils suitable.
- (e) Climate.
- (f) Cultivation and general treatment.
- (g) Harvesting, marketing, or utilisation.
- (h) Parasitic diseases and insect pests to which each crop is liable.

#### 4. LIVESTOCK.

Principles of breeding.

Horses, cattle, sheep, pigs.

- (a) Position in animal kingdom.
- (b) Points of well-defined breeds.
- (c) History of improvement.
- (d) Management in detail.
- (e) Economic position.

#### 5. DAIRYING.

Selection and management of dairy stock.

A study of milk.

Manufacture of dairy produce.

Dairy bacteriology.

Ensilage.

#### 6. FOODSTUFFS.

Chemical composition, digestibility, food-ratios.

#### 7. FARM EQUIPMENT.

- (a) Implements : relative advantages of different implements, design and construction.
- (b) Farm buildings : plans, materials of construction.

#### 8. IRRIGATION.

- (a) History and extension in different countries.
- (b) Tillage in relation to irrigation.
- (c) Amount, frequency, and mode of application of water.
- (d) Water suitable for irrigation.
- (e) Sewage irrigation.
- (f) Alkali lands.
- (g) Drainage in relation to irrigation.

### VITICULTURE.

1. (a) Botanical study of the vine and collateral genera (*Ampelidæ*), characteristic features, geographical distribution, and cultural value of each genus, with more especial reference to genus (*Vitis*).
  - (b) 1. Anatomy of the Vine.
  - 2. Physiology of the Vine.
  - (c) Creation of new varieties by :—Selection of cuttings, by seedlings, by artificial hybridisation. Complete study of hybridisation.

**2. AMPELOGRAPHY.**

Preamble.

Study of principal varieties of vines with indication of their culture, value, and adaption to different soils.

(a) American vines.

(b) European, Asiatic, and African vines.

**3. CREATION OF THE VINEYARD.**

(a) Choice of locality.

1. Climate, local and general.

2. Soil.

(b) Preparation of soil.

(c) Methods of propagation :—

1. By seedlings.

2. By segmentation.

(a) Cuttings.

(b) Layers.

(c) Grafts.

(d) Laying out and planting of Vineyards.

**4. YEARLY CULTIVATION OF VINEYARD.**

(a) Cultivation of soils.

(b) Manures.

(c) Pruning.

(d) Vintage.

**5. DISEASES OF VINES.**

(a) Parasitical.

1. Vegetable parasites.

2. Animal parasites.

(b) Non-parasitical.

1. Meteorological accidents.

2. Physiological disorders.

**6. A comparative study of Viticulture as it is practised in the typical vine countries, with a brief notice on characteristic wines.****7. Historical and economic study of viticulture with special reference to Australian conditions.****ENOLOGY.**

1. Preliminary notions.

2. Study of the grape—composition, ripening.

3. Fermentation.

4. Buildings and machinery, cellar plant.

5. Manufacture of red wine.

6. Manufacture of white wines and special wines.

7. Methods of improving the must.

8. Subsequent treatment and maturing ; blending and putting on the market.
9. Diseases.
10. Utilisation of residues.
11. Analysis and adulterations.
12. Distillation and brandy-making.  
     Viticultural Laboratory.  
     (a) Wine tasting.  
     (b) Practical chemistry in relation to viticulture.

**Practical Work in all the above subjects is required.**

## SUBJECTS FOR THE HONOURS DEGREE.

### MATHEMATICS.

A special course in Honours Mathematics is given annually, forming continuation of the courses given for the Pass Degree.

Candidates for the Honours Degree in Mathematics pay a fee of £10 10s. a year, or £3 10s. a term.

Subjects for the final examination :

Analytical Geometry, Infinitesimal Calculus, Analytical Statics, Dynamics of a Particle, Hydrodynamics, Elementary Rigid Dynamics.

### PHYSICS.

A special course of lectures in Honours Physics is given annually, forming a continuation of the courses given for the Pass degree.

Candidates for the Honours degree in Physics pay a fee of £18 18s. a year, or £6 6s. a term.

In addition to the special course mentioned above, they are required to attend the same lectures as candidates for the Pass degree. They are required to spend as much as possible of their time on Laboratory Work, especially after their first year, by which time they should have passed in all their compulsory subjects. They are also expected to attend such portions of the lectures on Mathematics and Chemistry as the Professor of Natural Philosophy may deem necessary for the better understanding of Advanced Physics.

Text-books recommended for the course in Honours Physics :

Thomson & Poynting—*Sound*.

Preston—*Light*.

Preston—*Heat*.

Gray—*Absolute Measurements in Electricity and Magnetism*.

J. J. Thomson—*Electricity and Magnetism*.

### CHEMISTRY.

Candidates for the Honours Degree in Chemistry are required to show a more detailed knowledge of the subjects than is required for the pass degree, and to pass a more stringent examination. They will be expected to spend all

the time not necessarily devoted to lectures to work in the laboratory. They will also be expected to attend such portions of the lectures on Mathematics and Physics as the Professor of Chemistry may deem necessary for the better understanding of Advanced Chemistry.

Students for the Honours Degree in Chemistry pay a fee of £18 18s. a year, or £6 6s. a term.

Text-books.—Those for the Pass degree, and, in addition, others to which reference will be given by the Professor from time to time.

### PHYSIOLOGY AND PHYSIOLOGICAL CHEMISTRY.

Candidates for the Honours Degree in Physiology are required to show a more detailed knowledge of the subject than is required for the Pass Degree, and to pass a more stringent examination. They are required to attend lectures and pass an examination in Physical and Organic Chemistry. They are required also to attend a course of Practical Chemistry (qualitative and quantitative), with special reference to substances of physiological importance. It is expected that Students will devote all their time not necessarily occupied in lectures to work in the chemical and physiological laboratories.

Students for the Honours Degree in Physiology, Physiological Chemistry and Botany pay a fee of £18 18s. a year, or £6 6s. a term.  
Text-books.

Those recommended for the Ordinary degree, and, in addition, the following should be consulted :—

Text-book of Physiology, edited by Schäfer.

General Physiology, Verworn (English Translation by F. S. Lee).

Quain's Anatomy, Vol. I., Part 2.

Text-book of Chemical Physiology and Pathology, Halliburton.

Also various special articles and other works to which reference will be given.

*Note.*—Students must produce evidence of having passed in these subjects prior to entering for the final examination.

### GEOLOGY AND PALÆONTOLOGY.

Candidates for the Honours Degree in Geology and Palæontology are required to show a more detailed knowledge of the subjects than is required for the Pass Degree, and to pass a more stringent examination. They will be expected to spend all the time not necessarily devoted to lectures, on practical work and original research.

No evening student can be considered competent to take the Honours Course in Geology, as the time available is too limited to do justice to the subject.

Original work must be undertaken by students in this course, which may be in one of the following lines, or such other lines of research as the lecturer in the subject may approve :—

- (a) The chemical composition, microscopic structure, and insoluble residues of the older limestones.
- (b) The quantitative analysis of minerals entering into rock structure (under the oversight of the Lecturer in Chemistry).
- (c) Specific work in Petrology.

- (d) The microscopic structure and chemical composition of organic testaceous remains, *e.g.*, Trilobites, Brachiopods, &c.\*
- (e) Discovery and description of new fossil species.
- (f) Examination and determination of microzoal contents of fossiliferous rocks.
- (g) Deciphering difficult stratigraphical problems in field study.

Students for the Honours Degree in Geology and Palaeontology pay a fee of £18 18s., or £6 6s. a term.

#### MINERALOGY AND PETROLOGY.

Candidates for the Honours Degree must have a sound knowledge of simple quantitative chemical analysis.

Students proceeding under these Regulations will be expected to devote much more time to the subject than is required in the Pass course; the stringency of the examination will also be correspondingly increased.

Facilities will be afforded students desirous of specialising in any particular direction.

The course will not be considered completed until the candidate has produced some original work in Mineralogy, Petrology, or Field Geology. Credit for such work, in so far as it is satisfactory, will be allowed at the annual examination.

Fee—£18 18s. per annum, or £6 6s. per term.

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## SPECIAL COURSE IN BOTANY.

### SYLLABUS FOR 1906.

A course of about 36 Lectures and demonstrations on Botany will be delivered twice a week, during the Second and Third terms.

Fee for the course, £4 4s. ; or £2 2s. per term.

The course will comprise the following subjects :—

The general structure and physiology of a flowering plant :—

1. The constituents, contents, and mode of development of elementary vegetable tissues.
2. The general characters, functions, and modifications of the organs of plants.
3. Nutrition, transpiration, respiration, growth, irritability.
4. Reproduction, ovule, fertilization, fruit, seed, germination.

*The botanical characters of the following natural orders :—*

Ranunculaceae, Cruciferae, Caryophyllaceae, Malvaceae, Rutaceae, Papaveraceae, Amarantaceae, Dhenopodiaceae, Leguminosae, Myrtaceae, Rosaceae, Epacridae, Boragineae, Scrophulariaceae, Proteaceae, Labiatae, Solanaceae, Compositae, Umbelliferae, Goodenoviae, Campanulaceae, Coniferae, Cyperaceae, Liliaceae, Amaryllidaceae, Orchidaceae, Gramineae.

*Practical work.*

Candidates must be prepared—

1. To describe in botanical terms such plants or parts of plants as may be submitted to them.
2. To prepare, identify, or describe microscopical specimens of vegetable tissues and organs.
3. To refer to their natural orders, examples illustrative of those above enumerated.
4. With the aid of Tate's "Flora of South Australia" to refer to its proper natural order any plant indigenous to South Australia."

For the purpose of promoting a practical acquaintance, under natural conditions, with the specified orders and indigenous flora generally, opportunities will be taken during the course of visiting the Botanic Gardens and country in the neighbourhood.

Text-books recommended :—

*For Class Work—*

Elementary Botany—Groom.  
Introduction to Botany—Dendy & Lucas.  
Flora of South Australia—Tate.

*For reference—*

Text-book of Botany—Strasburger.  
Natural History of Plants—Kerner von Marilaum, translated by Oliver.



## OF THE DEGREE OF DOCTOR OF SCIENCE.

### REGULATIONS.

- I. Candidates for the Examination for the Degree of Doctor of Science shall be Bachelors of Science of at least three years standing.
- II. Every candidate must give to the Examiners satisfactory evidence of scholarship and power of original research. To this end he must submit a thesis in some branch of Science on a subject proposed by the candidate and approved by the Faculty of Science. He must adduce sufficient evidence of the authenticity of his thesis. He may, if the Examiners think fit, be required to pass an examination in that branch of Science from which the subject of his thesis is taken, unless he has at some previous B.Sc. examination passed with first-class honours in that branch. In any case the Examiners may examine him in the subject matter of his thesis.
- \*II.A. A printed copy of any thesis approved of by the Faculty of Science shall, if required by the Faculty, be deposited by the candidate in the Library of the University before he is admitted to the Degree.
- \* Allowed 6th April, 1905.*
- III. Candidates who satisfy the foregoing conditions may be admitted to the Degree of Doctor of Science.
- IV. Fee on presenting Thesis           ...     ...     £10 10 0  
       Fee for Degree of Doctor of Science...     5 5 0
- V. If a Candidate fails to satisfy the Examiners the fee shall not be returned to him, but he shall be admissible to one further examination for the same Degree without the payment of an additional fee.

*Allowed 18th September, 1900.*

## OF THE UNIVERSITY DIPLOMA IN APPLIED SCIENCE AND THE FELLOWSHIP OF THE SOUTH AUSTRALIAN SCHOOL OF MINES AND INDUSTRIES.

Whereas the University of Adelaide and the South Australian School of Mines and Industries have agreed to unite in providing courses of instruction and examinations in various branches of Applied Science, and to grant to any candidate who completes one of these courses and passes the proper examinations the corresponding University Diploma and Fellowship of the South Australian School of Mines and Industries respectively; and whereas a Joint Board has been appointed by the Councils of the two Institutions to consider all matters arising out of the fulfilment of such Agreement, and to report thereon to the Councils of the two Institutions; and whereas a Faculty of Applied Science has been formed by the two Councils from the staffs of the two Institutions to advise the Board—Now it is hereby provided as follows:—

### REGULATIONS.

- I. Every candidate for the University Diploma in Applied Science and the Fellowship of the South Australian School of Mines and Industries must satisfy the Faculty of Applied Science of his fitness to enter upon the course which he intends to follow.
- \*II. To obtain the Diploma and the Fellowship every candidate must attend lectures regularly and pass examinations in the subjects of one of the following courses:—
  - A. *Mining.*
  - B. *Metallurgy.*
  - C. *Electrical Engineering.*
  - D. *Mechanical Engineering.*

and must produce evidence to the satisfaction of the Joint Board of having obtained at least twelve months practical experience, not necessarily consecutive, in work appropriate to the course he has followed.

\* Allowed 7th December, 1905.

- III. Schedules determining the range of study, the laboratory and other practical work, the examinations, and the fees for the courses mentioned in the preceding regulation, shall be drawn up by the Faculty of Applied Science, submitted to the Joint Board, and when approved by both Councils, shall be published as

early as possible in each year. Such Schedules shall be laid before the Senate at the next meeting after they have been approved.

- IV. All examinations referred to in these regulations shall take place in or about November in each year. Candidates must enter their names a month before the day fixed for examination, and must present certificates showing that they have regularly attended the prescribed lectures and have done written, laboratory, or other practical work (where such is required) to the satisfaction of the lecturers.
- V. No candidate shall be credited in any term with attendance at lectures or laboratory work in any subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject, except in case of illness or other sufficient cause to be allowed by the Joint Board.
- VI. Any candidate wishing to attend a course of lectures (not including practical work) a second time may do so on payment of half fees.
- VII. A candidate may be examined in any subject without attendance at lectures, but only upon special grounds to be recommended by the Joint Board, and approved by the two Councils.\* On entering for examination in such subject the candidate shall pay a third of the fee prescribed for that subject.
- VIII. A candidate may, if the two Councils see fit, be excused examination in any subject, but only upon production of evidence that he has at some other University or Technical School completed a course and passed an examination which the Joint Board shall consider to be an equivalent.
- IX. Candidates shall submit to and observe the statutes, rules, and regulations of the Institution, whether University or School of Mines and Industries, at which they are in attendance.
- X. The Faculty of Applied Science is not a Faculty within Chapter X. of the University Statutes.
- XI. These Regulations shall be binding on the University so long only as the above-mentioned Agreement, or any amendment thereof, or any substituted Agreement, remains in force.

*\* Any candidate obtaining an exemption is recommended to apply to the proper lecturer for information and advice respecting the subjects of the examination.*

*Allowed 3rd April, 1903.*

## SCHEDULES FOR 1906.

**Applied Mechanics (i).**

Units of mass, length, time, force, and work used in engineering. Calculation and measurement of areas and volumes. Velocity. Graphical representation of work. Power and energy. Simple machines. Useful and lost work. Mechanical advantage. Friction—static, sliding, and rolling. Anti-friction wheels. Friction clutches. Brakes and dynamometers. The screw. Wheel-gearing. Angular velocities and velocity ratios. Change wheels for screw-cutting lathes. Friction gearing. Teeth of wheels—the cycloid and involute. Bevel wheels. Belt, rope, and chain gearing.

Centres of gravity. Acceleration. Moments of inertia. Radius of gyration. Centrifugal force. Momentum. Impulse. Stress, strain, and elasticity. Resilience. Shearing. Bending. Torsion. Combined twisting and bending. Strength of shafting. Cylinders. Helical seams. Suspended chains and wires.

Text-books—"Lessons in Applied Mechanics," Cotterill and Slade's "Mechanics Applied to Engineering," Goodman.

Reference Book—"A Text-book of Applied Mechanics," Jamieson.

**Applied Mechanics (ii).**

THE KINEMATICS OF MACHINERY.—Definition of a machine. Constrained motion. Relative motion. Virtual centres. Centrode and axode. Kinematic pairs, links, and chains. Mechanisms. Virtual motion. Spur-wheel trains. Epicyclic gearing. Cam trains.

THE DYNAMICS OF MACHINERY.—Linear and angular velocities. Tangential and radial acceleration. The principle of work. Static and kinetic equilibrium. Force and work diagrams. Train resistance. Applications to steam engine details, as crank, fly wheel, connecting rod, and governors. Altered mechanisms. Incomplete constraint. Parallel motions. Frictional resistance.

Text-books—"Applied Mechanics," Cotterill; "Mechanics of Machinery," Kennedy.

**Applied Mechanics (iii).**

Same as for B.Sc. Degree, see page 110.

**Assaying (i).**

Estimation of coke and volatile matter in coal. Estimation in the dry way of lead and silver in litharge and red lead, argentiferous ores, including cerrusite, galena, kaolin, and furnace products as mattes and slags. Estimation of gold and silver in auriferous and argentiferous ironstone, quartz, pyrites, arsenical and antimonial and metallurgical products by both dry and mixed wet and dry methods. Estimation of tin in the dry way in tin ores. Effect of different metals and furnace conditions on cupellation and scorification. Dry assay of bullion. Check assaying.

**Assaying (ii).**

## METALLURGY COURSE.

The course will consist of the following estimations:—Acidimetry and alkalimetry. Determination of—Copper. Iron in various ores and slags. Copper and iron in copper pyrites. Estimation of lime in slags and limestone. Determination of manganese in ores, slags, and metals. Determination of lead in ores, slags, &c. Zinc by various volumetric processes. Preparation of pure gold and silver and assay of gold and silver bullion by dry methods. Assay of silver bullion by Gay Lussac's sodium chloride method and Volhard's thiocyanate method. Arsenic in various materials. Phosphorus in manures, phosphate rock, and basic slag. Antimony and chromium in ores and alloys. Determination of cyanides and cyanogen and the technical analysis of working solutions from the cyanide process of extracting gold. Determination of aluminium, nickel, and cobalt. Complete analysis of zinciferous galena and chalcopyrite involving separations and the use of volumetric and gravimetric estimation of the constituents. Complete analysis of various metallurgical products. Analysis of typical commercial metals and alloys.

If time allows, gas and water analysis will be included.

**Assaying (ii).**

## MINING COURSE.

Determination of iron, lead, copper, zinc, manganese, lime, phosphates.

**Assaying (ii).**

## ELECTRICAL ENGINEERING, COURSE B.

Acidimetry and Alkalinity. Estimation of copper, zinc, lead; analysis of commercial copper and electrolyte from refining works; electrolytic analysis, bullion assays, and estimation of gold and silver.

**Assaying (iii).**

## METALLURGY COURSE.

Analyses of iron and steel works' materials and products.

Analyses of furnace gases.

Technical analysis of boiler water.

More difficult analyses of materials named in Assaying II., and those containing tin, bismuth, cadmium, mercury, and other less common elements.

Complete analyses of commercial metals and alloys.

**Building Construction (i).**

A descriptive course in elementary building construction. The lectures will include the consideration of wall and arch construction in brickwork and masonry. Joints in brickwork. Ventilation and prevention of damp. Brick drains and sewers. Chimney construction. Joints and fastenings for woodwork. Timber beams and trussed timber girders and roofs. Floors. Partitions. Door and window framing. Stairways. Sections of rolled steel used in building construction. Steel building construction for machine shops and factories. American fireproof buildings.

Foundations. Excavation. Shoring. Scaffolding. Caisson work. Piling.

The physical and chemical properties of building materials, as brick, stone, tiles, terracotta, lime, mortar, cement, concrete, asphalt, &c.

The physical properties of timber. Influence of time, felling, seasoning, &c., upon strength and durability. Methods of seasoning. Preservation of timber.

Reference Book.—“Building Construction”—Rivington.

### **Building Construction (ii).**

Brick and stone arches. Domes. Abutments. Retaining walls. Piers. Foundations, &c.

### **Chemistry (i).**

LECTURES.—Same as Compulsory Chemistry, B.Sc. Course, see page 108.

PRACTICAL.—Same as Compulsory Chemistry (Practical), B.Sc. Course, see page 109. These cannot be taken separately.

### **Chemistry (ii).**

LECTURES.—Same as Part I., Chemistry, B.Sc. Course, see page 112.

PRACTICAL.—Same as Part I., Practical Chemistry, B.Sc. Course, see page 112.

These can be taken separately.

### **Drawing (i).**

#### FIRST TERM.

GEOMETRICAL DRAWING, including all that is usually taught in this subject up to the construction of the conic sections, the cycloids, volutes, and spiral. Taken at the School of Design.

#### SECOND TERM.

FREEHAND SKETCHING OF PARTS OF MACHINERY.—These sketches have to be made showing plan, elevation, and sections where necessary, so as to give all the information, including dimensions, required to enable a finished drawing of the object to be made from the sketch. Taken at the School of Design.

#### THIRD TERM.

ELEMENTARY MECHANICAL DRAWING.—This will include the drawing of the elements of machinery, such as nuts, bolts, screws, &c., and simple parts of machines. Taken at the School of Mines.

### **Drawing (ii).**

#### FIRST TERM.

A course in Solid Descriptive Geometry, including the projection of points, lines, planes, and simple solids, the principles of perspective drawing and isometric projection. Taken at the School of Design.

## SECOND AND THIRD TERMS.

MECHANICAL DRAWING—MORE COMPLICATED PARTS OF MACHINERY,  
Taken at the School of Mines.

**Drawing (iii).**

A course in Advanced Mechanical Drawing. Taken at the School of Mines.

**Drawing (iv).**

Each student is required to make a working drawing of a machine, or part of a machine, of his own design, to be handed in at the end of the year for examination. Fellowship students will be expected to devote at least six hours per week to this work.

**Drawing—Descriptive Geometry.**

This course includes problems in envelopes, shades and shadows, inter-penetration of solids and oblique projection. Taken at the School of Design.

**Electrical Engineering.**

## LECTURES—FIRST TERM.

These lectures will be devoted to the general principles of Direct Current Work and their embodiment in designs of D.C. Electrical Machinery.

## SECOND TERM.

A more detailed consideration of the characteristics and behaviour of Dynamos and Motors under different conditions of loading and coupling. The Supply and Distribution of Power dealing in detail with the Two and Three Wire Systems, Station Equipment, Balancing Devices, Batteries, Boosters, etc., Accumulators, Arc and Incandescent Lighting, Tramways, Motor Control, etc., Description of Modern Generators, Switchboards, and Power Stations.

## THIRD TERM.

A.C. Work, Fundamental Laws and Principles of Single Phase Currents, Laws of Combination of Resistances, Capacities and Inductances treated algebraically and graphically, the Theory of Transformers, Synchronous and Induction Motors, Design of A.C. Apparatus such as Choking Coils, Transformers, Auto-Transformers, &c.; Transmission and Distribution of Power, Long-distance Transmissions and Line Characteristics, Polyphase Currents, Fundamental Principles Applications to Generators, Motors, Rotary Converters, Frequency Converters, Arrangements and Grouping of Transformers, Star and Mesh, Description of Modern Polyphase Machinery, Special Switchboard Arrangements, &c., Industrial Applications.

Honour students will be examined on the work as outlined for Pass students, but will be expected to have acquired a knowledge of the more advanced detail work of Alternating Currents. Such students are also encouraged to devote as much time as available in pursuing investigations in the Laboratory, and are expected to present at the end of the year a thesis dealing with any portion of the work approved by the lecturer.

Special text-books for such students will be from time to time recommended.

## PRACTICAL WORK—FIRST TERM.

Potentiometer Measurements of Current, E.M.F. and Res., Calibration of Ammeters, Volt Meters, Watt Meters, Supply Meters, Characteristics of D.C. Dynamos and Motors, separately excited, Series, Shunt, compound and over and under compounded.

## SECOND TERM.

Efficiency of Motors, Brake Tests, Hopkinson and Kapp Tests for a pair of machines, Behaviour of Motors and Dynamos running in parallel, Separate or Direct Coupled, Steam and Gas Engine Testing.

## THIRD TERM.

Characteristics of Alternators, Single and Polyphase, Efficiencies, Point to Point Determination of Waves of E.M.F. and Current, Power Factors, Calibration of Instruments, Combinations of Res., Cap, Induction, Choking Coils, Transformer Characteristics and determination of losses and efficiency by different methods, Testing of Synchronous and Induction Motors and Rotary Converters, Grouping of Transformer Coils in Polyphase Systems, Synchronising, or running machines in parallel.

*Text-books :*

- Hawkins and Wallace : The Dynamo.  
 S. P. Thompson : Polyphase Electric Currents.  
 Steinmetz : Elements of Electrical Engineering.  
 Rhodes : An Elementary Treatise on Alternating Currents.  
 C. A. Wilson : Electro-dynamics of the Direct Current Motor.  
 G. D. Aspinall Parr : Electrical Engineering Testing. (A practical work for Second and Third year students and engineers).  
 Ewing : Magnetic Induction in iron and other metals.  
 Bedell : The Principles of the Transformer.  
 D. C. & J. P. Jackson : Alternating Currents and Alternating Current Machinery.

*Books of Reference :*

- Dawson : Electric Railways and Tramways.  
 Wordingham : Central Electric Stations.  
 Borchess and McMillan : Electric Smelting and Refining.  
 Clark Fisher : The Potentiometer and its Adjuncts.  
 J. A. Fleming : Electrical Laboratory Notes and Forms.  
 J. A. Fleming : The Alternate Current Transformer, Vol. I and II.  
 Nicholls : Laboratory Manual of Physics and Applied Electricity Vol. II.  
 Munro & Jamieson : Pocket Book of Electrical Rules and Tables.  
 Foster : Electrical Engineer's Pocket Book.  
 Merrill : Electric Light Specifications.  
 Articles in the Journal of the Inst. of El. Engr., Electrician, Electrical World, &c.  
 Sheldon & Mason : Alternating Currents.  
 Oudin : Standard Polyphase Apparatus and System.

**Fitting and Turning (i).**

TOOLS.—Description and use of plane turning lathe. Construction and use of turning tools for wood and iron. The slide rest. Hand turning. Drills and boring bits. Centreing work. Driving work in lathe. Various chucks and devices for chucking work. Hammers and hammering. Straightening



bars of various kinds. Hammering plates. Removing work from shafts, &c. Chisels of various kinds and their several uses. Chipping surfaces. Bedplates, &c. The use of self-acting engine lathes, planing, shaping, slotting, milling, drilling, and boring machines. Methods of setting and holding work in same.

FILES.—Difference between hand and machine cut files. Faults and flaws to be looked for. Various kinds of files, and how to use them. Re-cutting files, sandblast sharpening. Working to straightedge.

SCRAPERS AND SCRAPING.—Various kinds of scrapers, and how to use them. Scraping surfaces. The use of redde.

Cutting key ways and fitting keys. Hanging wheels on three or four keys. Setting wedges, keyseats, featherways, and feathers.

General vice work and use of calipers. Square, T square, winding strips, and other small tools.

Each student should provide himself with the following tools :—One steel rule, 1 x 12; one steel square; one pair calipers, outside; one pair calipers, inside; one centre punch; one pair spring dividers.

The above set may be obtained at the School of Mines on order.

### Fitting and Turning (ii).

Description and use of slide lathe. Sliding. Boring. Surfacing and screw-cutting. Calculating change-wheels for screw-cutting. Velocity in boring and turning. Fitting to gauge.

Description and use of milling machines. Emery cutter grinder. Shaping machine, &c.

Erecting machinery. Fixing line shafting. Counter shafting. Calculating speeds. Driving power of belts. The erection and fixing of machinery, including the use of ropes and tackle.

### Fitting and Turning (iii).

Students will be given special work as they show their fitness for it. This will include the finishing of parts of machinery to be put to practical use in the workshops or laboratory.

### Geology.

Same as Part I., B.Sc. Degree, and Mining Geology, as under :—

#### MINING GEOLOGY.

For reference :

Phillips and Louis. *Ore Deposits.*

Prosepnny. *Genesis of Ore Deposits.*

Schmeisser and Vogelsang (translated by Louis). *The Goldfields of Australia.*

### Hydraulics.

The laws governing the flow of water along pipes and open channels.

The principles controlling the construction and working of water wheels and turbines.

## Text-books :

Fidler—Calculations in Hydraulic Engineering (Part II.).

Bodiner—Hydraulic Motors, Turbines, and Pressure Engines.

**Iron, Steel, and Alloys.**

An outline of the chief processes in use for making steel and iron

Physical properties of cast iron, wrought iron, and steel, and the effect of composition on the properties. Heat treatment of steel.

Special steels and their uses.

Manufacture of alloys. Composition and properties of commercial alloys and metals.

The lectures will treat of the subjects more from the engineering than the chemical standpoint.

**Mathematics (i. and ii).**

First year same as for B.Sc. Degree, see page 110.

Second year same as for B.Sc. Degree, see page 110.

**Applied Mathematics.**

Same as for B.Sc. Degree, see page 110.

**Machine Design (i).**

This consists of the design of the individual parts of machinery, including bolts, nuts, keys, cotters, screws, pipes and pipe joints, riveted joints, shafting, couplings, journals and bearings, belt and rope-gearing pulleys, friction, and toothed gearing.

DETAILS OF THE STEAM ENGINE.—Crank, eccentrics, connecting rods, crossheads and guides, pistons, piston-rods, cylinders, stuffing boxes, valves, and valve-gearing link-works, fly wheels, governors.

The design of steam boilers.

Text-book: "A Manual of Machine Drawing and Design." Low &amp; Bevis.

Reference Books: "Elements of Machine Design." Unwin. "Valves and Valve Gearing." Hurst.

**Machine Design (iii).**

This course consists in the design of some simple machine, with complete working drawings, to be done, as far as possible, without the aid of the instructor.

**Mineralogy.**

Same as Part I. for B.Sc. Degree, see page 113.

**Mining (i).**

The modes of occurrence of minerals. Classification of ore deposits. Faults and dislocations. Schmidt's law and Zimmerman's rule.

Methods of prospecting for minerals.

Boring with the diamond and calyx drills. The American system of boring by percussion.

Breaking ground. Hand tools. The use of machinery for breaking ground. The transmission of power to working places. Air compressors. Machine drills driven by compressed air or electricity. Explosives and blasting. Driving and sinking.

The methods of supporting excavations. Timbering levels, shafts, and working places. Masonry, steel, and other supports.

Methods of exploitation. Open cut. Hydraulic mining. The mining of beds. Extraction of narrow and wide veins and masses.

Special processes for sinking through watery strata. Boring, compressed air, and freezing methods.

Underground transport. Tramways. Trucks. Power used for underground transport. Various systems.

Transport above ground. Aerial ropeways.

Winding machinery. Windlass. Whips. Horse whims. Winding engines and drums. Pulleys and poppet-heads. Ropes, chains, and attachments. Buckets and cages. Keps, guides, signals, safety appliances, detaching hooks, safety catches, automatic stopping gear. Electric hoists.

The drainage of mines. Underground dams. Drainage tunnels. Baling. Systems of pumping. The Cornish system. Lift and plunger pumps, pump rods, columns, balance bobs. Steam pumps and arrangements, various types. Underground pumps driven by compressed air. Pulsometer. Air-lift pumps. Centrifugal pumps.

The ventilation of mines. Causes of pollution of air in mines. Natural ventilation. The laws governing the flow of air in mines. Means of assisting natural ventilation. Furnace ventilation. Systems of mechanical ventilation. Centrifugal fans and blowers. Measuring the flow of air.

The lighting of mines.

The descent and ascent of miners. Ladders and ladder ways. Hoisting men in buckets or cages.

Crushing machinery. The Blake, Dodge, and Gates crushers. The stamp mill. Rolls. Ball mills. Other types of crushing and grinding machinery.

Ore-dressing. Principles involved. Types of dressing machinery. Jigs. Vanners. Buddles. Tables of various types. Classifiers. The dressing of slimes. Magnetic separation.

The general design of ore-dressing plants. Gold mills.

Mining plans.

Text-book—C. le Neve Foster "Text Book of Ore and Stone Mining."

### Mining (ii).

This course will be an extension of the course mapped out in Mining (I), with the addition of the methods of mining coal. Students will be expected to show a greater knowledge of detail than in the previous course. The design of pumping, winding, and ventilating plants, systems for transmissions of power, gold mills, ore-dressing mills, &c., will be discussed in detail, with illustrative examples. The course of lectures on hydraulics will also be included.

Books recommended—C. le Neve Foster, "Text Book of Ore and Stone Mining"; S. J. Truscott, "The Witwatersrand Goldfields"; Louis, "Gold Milling"; H. C. Behr, "Mine Drainage"; W. H. Storms, "Methods of Mine Timbering."

### Mechanical Engineering (i).

An introductory course on the steam engine and other prime movers. The subjects considered will include the following :—The essential elements of the steam engine, with a description of a simple form of modern steam engine and boiler. The distribution of steam by an ordinary slide valve, and the functions of the crank, eccentric, fly-wheel, and governor. The elementary theory of heat engines, and the physical properties of steam. The indicator and indicator diagrams. Early forms of the steam engine. Various types of modern engines briefly described. Steam boilers and their fittings. Fuel. Combustion. Jet and surface condensers. Superheating. Steam jacketing. Compounding. The principles of internal combustion motors, with a brief description of the principal forms of gas and oil engines.

Text Book—"Elementary Manual of Steam and the Steam Engine"—Jamieson.

Reference Books.—"A Text Book on Steam and the Steam Engine"—Jamieson; "The Steam Engine"—Holmes.

### Mechanical Engineering (ii).

ENGINEERING WORKSHOP PRACTICE.—A description of tools and appliances used in engineering workshops. Various operations such as moulding, casting, forging, etc. Machine tools. The method of construction of the various parts of a steam engine and boiler.

Text Book—"A text Book of Mechanical Engineering"—Lineham.

AN ADVANCED COURSE ON THE STEAM ENGINE.—The thermo-dynamics of the steam engine. Entropy temperature diagrams. The indicator diagram. Effects of wire-drawing, clearance, compression, initial condensation, and re-evaporation. Steam-jacketing. Superheating. Compounding. Condensers.

THE MECHANICS OF THE STEAM ENGINE.—Valves and valve gearing. Valve diagrams. Link motions and radial gears. Governors. Fly-wheels. Diagrams of crank effort. Influence of reciprocating parts. Balancing. Engine fittings. Lubrication and lubricants.

THE PRODUCTION OF STEAM.—Different types of boilers, their uses and efficiencies. Combustion. Mechanical stokers. Feed-water heaters. Superheaters. Feed-pumps. Injectors. Chimneys. Mechanical draught and smoke prevention. Corrosion and cleaning of boilers.

Text Books—"The Steam Engine"—Holmes; "The Steam Engine and other Heat Engines"—Ewing.

Reference Books.—"A Text Book on Steam and the Steam Engine"—Jamieson; "Thermo-dynamics of the Steam Engine"—Peabody; "The Heat Efficiencies of Steam Boilers"—Bryan Donkin; "Lubrication and Lubricants"—Archbutt and Deeley.

### Mechanical Engineering (iii).

This course includes the consideration of special types of steam engines, gas, oil, and air engines, refrigerating and compressed air machinery, and pumping machinery.

### Mechanical Engineering (iv).

This course includes triple and multiple expansion engines. Locomotive engineering. The testing of steam engines and boilers. The design of wind-mills, water-wheels, and water and steam turbines.

### Metallurgy (i)—Theoretical.

#### INTRODUCTORY.

DEFINITION AND SCOPE OF METALLURGY.—History. Physical properties of metals and characteristic examples. Simple testing machine.

EXPLANATION OF TERMS USED.—Ore, Gangue, Dressing, Calcination, Roasting, Smelting, Liqutation, &c.

SLAGS AND FLUXES.—Principle of selection and general properties of chief types.

REFRACTORY MATERIALS employed in the construction of furnaces, crucibles, and retorts. Their general properties and composition. Firebricks, Crucibles.

FURNACES.—Chief types of hearths, kilns, blast and reverberatory furnaces. Means of supplying air to furnaces. Blowing engines and blowers.

FUEL.—Classification :—I. Natural fuels—Coal—Character, composition, and uses of various kinds. II. Prepared fuels—Compressed and dried fuels, Carbonised fuels—Charcoal burning. Coke.—Properties and composition. Preparation of coke. Coke ovens. Construction and mode of working Beehive, Coppee, and Simon-Carves ovens.

#### IRON AND STEEL.

IRON.—Physical properties. Red and cold shortness, welding: Classification of iron and steel with special reference to carbon. Ores of Iron.—Characters, composition, and comparative value. Chemical reactions of reduction of iron from its ores. Direct production of wrought iron. Construction of modern blast furnaces. Simple forms of hot blast stoves. Working of a hot blast furnace. Products of blast furnaces, working and utilisation of same. Classification of pig iron. Properties and approximate compositions.

WROUGHT IRON.—The modern "pig-boiling" process. Working of a charge. Principles of the process. Production of "puddled bar." Merchant iron, rolls used. Re-heating furnace.

STEEL.—Physical properties. Hardening, tempering, and annealing. Cementation process. Furnaces and materials used. Blisters steel and shear steel. Crucible cast steel. The Bessemer Process.—Principles of the process. Converters. Acid and basic process. Products. The Open-hearth Process.—Furnaces, acid and basic linings. Products.

#### GOLD, SILVER, COPPER, LEAD, ZINC, TIN, MERCURY.

GOLD.—Physical properties. The occurrence of gold and general nature of ores. Classification of processes. Stamp Milling.—Chief parts of plant. Products and treatment of same. Retort furnace. Chlorination.—Simple roasting furnaces. Chlorination and precipitation vats. The Cyanide Process.—Refining and parting gold bullion. Principles on which the process depends. Parting by sulphuric acid. Miller's chlorine process. Recovery of silver from fused silver chloride.

The metallurgy of gold will be dealt with more fully than that of the other metals included in this course.

**SILVER.**—Physical properties.  $\text{AgCl}$  and its solvents. Ores of silver. Principles and chief reactions on which the processes for the reaction of silver from its ores are based. Smelting silver ores with copper and lead ores will be treated under lead and copper. Extraction by pan amalgamation. Outlines of the Ziervogel and Augustin process, appliances used.

**LEAD.**—Physical properties. Lead oxide, its formation and properties. Ores of lead. Characters and chemical composition. Reactions of lead smelting. Flintshire process. Furnace used and nature of products. Treatment of "grey slag." Smelting in blast furnaces. Roasting lead ores. Water-jacketed smelting furnaces. Hard lead. Softening hard lead. Extraction of silver from lead. Furnaces and appliances. Nature and treatment of products. Pattinson's process. Parke's process. Cupellation by the English process. Alloys of lead.

**COPPER.**—Physical properties. "Dry," "tough" and overpoled copper. Ores of copper—Characters, composition, and relative value. The chemistry of copper smelting and refining. Calcination in heaps, stalls, and simple furnaces. Smelting in reverberatory furnaces. The Welsh process. Production of coarse metal, white metal, and blister. Slags and their treatment. Furnaces employed. Smelting in blast furnaces. Outlines of the process. Copper refining in reverberatory furnaces. Copper alloys.

**ZINC.**—Physical properties. Ores of zinc. Characters and Chemical composition. Methods of extracting zinc. Furnaces, retorts, and condensers used. Preparation of ores. Belgian process. Silesian process. Zinc alloys.

**TIN.**—Physical properties. Ores of tin. Principles of tin smelting, Cornish method of smelting. Furnaces and appliances used at Pulo Brani, Singapore. Products. Refining tin. Liquefaction. Boiling. "Tossing." Alloys of tin.

**MERCURY.**—Physical properties. Ores. Chemical reactions. Old Almaden Aludel furnace. Amalgams—Mercury and silver; gold; copper.

The above syllabus will be followed and the lectures will treat of each subject in a general way without great detail.

### **Metallurgy (i).—Practical.**

Determination of coke, volatile matter, ash, moisture, sulphur in coal, calorific power of coal. Testing refractory materials. Preparation of silicates. Production of coarse metal, white metal, and metallic copper from copper pyrites. Determination of the amounts of lead required to remove copper from silver copper alloys. Effect of furnace conditions and metals other than lead and copper on cupellation. Chloridising roasting of silver ores, and lixiviation with "hyposulphite." Roasting of auriferous pyrites and extraction of the gold by the chlorination process. Extraction of gold from ores by potassium cyanide and precipitation of gold from the solution. Preparation of typical alloys. Preparation of pure silver and gold and assay of bullion.

### **Metallurgy (ii).**

#### SECTION I.—INTRODUCTORY.

Selection of fluxes for ordinary smelting operations. Constitution, classification, and fusibility of silicates. Economic application of slags. Calculation of furnace charges. Composition of refractory materials and the

methods of testing them. Calorific intensity of fuel. Calorific power of fuels and its measurement. Composition and the general character of the various kinds of fuel. Construction and the mode of working the chief types of modern coke ovens. Utilisation of the bye products. Semet-Solvay and Otto Hoffmann ovens. Gaseous fuels—Natural, artificial, Siemens Wilson, Mond producer with recovery of bye products, water gas producers. Methods of measuring high temperatures. Electric resistance and thermo-couple pyrometers. Automatic recording pyrometers.

#### METALLURGY OF COPPER.

Impurities in copper and their effects on its physical properties. Preparation of ore for smelting. Modern automatic calcining furnaces. The modern Welsh process of smelting. Blast furnace smelting. Modern American water-jacketed furnaces—working and products. Machine for producing the blast. Pyritic smelting. Bessemerising of copper mattes. Converters and appliances used. Products. The Best-selecting process. Kernel roasting. Combined blast, converter, and reverberatory methods practised in modern plants. The Nicholls and James "direct" wet process. Electrolytic refining of copper and the recovery of the precious metals. Varieties of commercial copper.

#### METALLURGY OF LEAD.

Comparison of the chief methods of smelting, their respective advantages, and the nature of the ores that can usually be treated by each. Outlines of the old Cornish process. (Flowing furnace.) Shaft furnace smelting. Calculations of the charges. Typical slags. Brick and water jacketed furnaces, advantages of each. Lead fume. Character and approximate composition methods and apparatus for condensation. Treatment of lead fume. Pattinsonisation by steam. Parke's process details. Modification of Parke's process. German method of cupellation. Comparison with the English method. Manufacture of sheet lead, pipe, and shot. Precautions against lead poisoning in works. Commercial lead and its impurities. Autogenous soldering.

#### METALLURGY OF GOLD.

Influence of various impurities on the physical properties of gold. General arrangement of a stamp mill. Construction of the stamp battery. Amalgamated plates. Frue vanner and its uses. Amalgamation in mills. The Huntington mill. Amalgamation in pans. Causes of loss of mercury and gold, and the precautions adopted to minimise them. The Boss continuous process. Chlorination process in vats and barrels. The process used at Mount Morgan. The cyanide process. Ores and tailings suitable for the process. Treatment of slimes. Appliances used. Use of bromine in the process. Precipitation of the gold by zinc and by electrolysis. Treatment of the precipitate to obtain gold bullion. Cripple Creek and West Australian practice in treatment of tellurides. Parting gold bullion by nitric acid. Alloys of gold.

#### METALLURGY OF SILVER.

Preliminary preparation of silver ores by roasting. Construction of modern mechanical roasting furnaces. Outlines of the old Mexican Patio process. The Patera and Kiss hyposulphite processes. The Russell process. Extraction of silver from burnt pyrites by Claudet's process. Combined smelting and wet process for silver ores associated with copper and gold, as practised in Colorado. General scheme of smelting for mixed ores. Extraction of silver from metallic copper by treatment with sulphuric acid and by electrolytic methods.

## METALLURGY OF MERCURY.

Modern methods of smelting and purification.

## METALLURGY OF ALUMINIUM.

Physical properties and most important uses of the metal. Extraction by modern electrolytic methods. Uses of aluminium as a reducing agent. Other applications in metallurgical processes. Alloys containing aluminium.

## METALLURGY OF IRON AND STEEL.

CAST IRON.—Modes of existence of carbon in grey, mottled, and white. Grading of pigs. Influence of carbon, phosphorus, sulphur, and silicon on iron. Cowper and Whitwell hot blast stoves. Slags. Blast furnace smelting. Utilisation of the furnace gases. Conditions under which various elements are reduced in the blast furnace, "Special" irons. Melting pig iron in cupolas. Chill castings. Malleable castings.

WROUGHT IRON.—Theory of the "pig boiling" process. Reheating and puddling furnaces fired by gas. Chief varieties and sections of merchant iron.

STEEL.—Materials suitable for various steel-making processes. Open hearth steel castings. Means of preventing unsoundness in these castings. Composition, physical properties, and uses of the various kinds of steel. Case hardening. "Harveyising" armour plates. Special steels—Manganese steel, chrome steel, nickel steel, tungsten steel; uses, composition, and manufacture of each. Ship plates, boiler plates, tin plates, joists, rails, nickel steel armour plates.

## METALLURGY OF NICKEL AND COBALT.

ORES.—Properties of the metal. Dry methods of extraction from Canadian and New Caledonian ores. Furnaces and appliances used. Production of nickel. Copper alloy and metallic nickel. Wet extraction from arsenical ores and speise and separation of cobalt. Mond's nickel-carbonyl process. Electroplating. Alloys and applications of the metals. Smalts.

## METALLURGY OF PLATINUM.

Ores and occurrence of platinum. Extraction and separation of metals usually associated with platinum. Melting and refining.

## METALLURGY OF ANTIMONY.

Properties. Impurities in the commercial metal. Liquefaction of stibnite. English and French processes for extraction. Refining. Uses.

## METALLURGY OF ARSENIC.

Preparation of white arsenic and metallic arsenic. Uses of the metal.

## METALLURGY OF BISMUTH.

Ores and metallurgical products containing bismuth. Wet and dry methods of extraction. Purification. Impurities in the commercial metal. Alloys of bismuth.

**Metallurgy (iii).**

The subjects of Metallurgy II. treated in greater detail.

Modern theories of alloys and molecular structure of metals.

Design of plant.

The present state of metallurgical practice.

Recent metallurgical researches.



**Pattern-Making.**

The use of the various tools used in pattern-making and moulding, including the wood-turning lathe. Each student will be required to make finished patterns of simple parts of machine castings, and also to construct skeleton patterns and sweeps for loam moulding.

**Physics (i).**

Same as for B.Sc. Degree, see pages 108 and 110.

**Physics (ii).**

Same as for B.Sc. Degree, see page 111.

**Physics (iii).**

Same as for B.Sc. Degree, see page 111.

**Railway Engineering and Transmission of Power.**

General principles of the construction and working of railways. Hydraulic-pneumatic, telodynamic, and electrical transmission of power.

*Text-books :*

Unwin's Development and Transmission of Power.

Pettigrew and Ravenshear : Manual of Locomotive Engineering.

Barry's Railway Appliances.

**Surveying and Levelling.**

## MINE SURVEYING.

1. LINEAR MEASUREMENT AND AREA of squares, rectangles, triangles, trapezoids, rhomboids, ellipses, and circles.

2. FIELD PRACTICE ILLUSTRATED.—How to use the chain. Booking by sketch and column methods. Tie lines and offsets. Necessity of reducing all measurements to horizontal planes. Erecting perpendiculars. Overcoming obstacles. Finding distances between inaccessible points. Use of scales of equal parts.

3. DIALLING or traversing by compass bearings and measured distances. Protractor and vernier.

4. THEODOLITE.—Explanation of construction. Practical use by students.

5. TRAVERSING by contained angles and chained lines.

6. PLOTTING from field notes, and from diagram prepared with scale and protractor from the face of a plan provided.

7. CHECKING.—Use of latitude and departure tables, and logarithms for testing correctness of work, and for obtaining precise area of figure surveyed.

8. REDUCTION AND LOCATION.—Finding of the direct bearing and distance between two points connected by a circuitous survey. Calculations required in fixing positions of starting points or workings.

9. **LEVELLING.**—Use and adjustment of the dumpy level. Reduction of staff readings from levelling book. Plotting profile plan. Preparing longitudinal and cross sections.

10. **MINE SURVEYING.**—How to survey a mine. Explanation of mining terms. Connection of surface and underground surveys.

11. **MINING PROBLEMS.**—Graphical and trigonometrical solution of problems involved in determination of dip, strike, and intersection of lodes.

12. **MAGNETIC VARIATION.**—Determination of the true meridian, declination of the needle, dip, and local attraction.

13. **CURVES.**—Laying out curves for railway and tramlines.

14. **VOLUME.**—Cubical contents of earthworks, how to measure and calculate. Computing solidity of prisms, wedges, pyramids, and other irregular figures.

15. **HYDRAULICS.**—Elementary formulæ for flow of water in pipes and open channels.

16. **GEODOSY.**—Inclination of meridian. Trigonometrical levelling. Field astronomy. Projection of maps.

### **Woodworking.**

This is a course in practical carpentry intended to make the student familiar with the use of woodworking tools and to give him a knowledge of the elementary principles of carpentry. It is intended as an introductory course to pattern-making.

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### **DETAILS OF COURSES FOR 1906.**

*Abbreviations.*—In the column headed "Hours per week" a single figure such as 2, means 2 hours per week throughout the year. A figure with a suffix such as 2<sub>2</sub>, means two hours per week for two terms.

U—University; S.M.—School of Mines; S.D.—School of Design.

**NOTE.**—A 20 per cent. reduction in fees is to be allowed to students taking any one of these courses in full, the reduction to be made in such manner as the two Councils shall approve.

The Courses are divided into years for the guidance of Students. It is to be understood that the order of subjects given is not necessarily to be followed in all cases, but in certain cases the order given must be followed. For instance, students will not be allowed to take Assaying until they have passed Chemistry I., nor will they be allowed to take Applied Mechanics until they have passed in Applied Mathematics. For further information Students should apply to the Lecturers.

## MINING.

## FIRST YEAR.

Subject.	Hours per week.	Lecturer.	Place of Lecture.	Fee. s. d.
Mathematics I., First Year ...	3	Mr. Madsen or Mr. Dalby	U. or S.M.	3 3 0
Physics I. Lect. and Pract.	4	Prof. Bragg ... ..	U.	5 5 0
Chemistry I., Lectures ...	2	Prof. Rennie ... ..	U.	2 2 0
Chemistry I., Practical ...	6	{ Prof. Rennie and Dr. Cooke .. .. Or, Mr. Higgin and Mr. Hooper ... ..	{ U. S.M.	{ 4 4 0
Drawing I. ... ..	4	{ Mr. Gill ... ..	{ S.M. and S.D.	{ 1 16 8
Fitting and Turning I. ...	6	Mr. Walters ... ..	S.M.	2 2 0
Building Construction I. ...	1 <sub>2</sub>	... ..	S.M.	0 10 0

## SECOND YEAR.

Mathematics I., Second Year	2	Prof. Bragg ... ..	U.	3 3 0
Applied Mathematics ...	3	Mr. Chapman ... ..	U.	5 5 0
Physics II., Lect. and Pract.	9	Prof. Bragg and Mr. Mad- sen ... ..	U.	12 12 0
Geology (3rd term only) ...	2	Mr. Howchin ... ..	U.	1 1 0
Assaying I. ... ..	6	Mr. Crowther ... ..	S.M.	4 10 0
Drawing II. ... ..	4	{ Mr. Gill ... ..	{ S.M. and S.D.	{ 1 13 4

## THIRD YEAR.

Applied Mechanics III. ...	2	Mr. Chapman ... ..	U.	4 4 0
Mining I. ... ..	2	Mr. Chapman ... ..	S.M.	3 0 0
Surveying and Levelling ...	6	Mr. Ledger ... ..	S.M.	2 2 0
Mechanical Engineering I. ...	2 <sub>3</sub>	Mr. Ledger ... ..	S.M.	1 10 0
Geology ... ..	3 <sub>2</sub>	Mr. Howchin ... ..	U.	3 3 0
Mineralogy ... ..	2	Mr. Mawson ... ..	U.	4 4 0
Drawing III. ... ..	2	... ..	S.M.	2 2 0

## FOURTH YEAR.

Mining II. ... ..	5	Mr. Chapman ... ..	U.	7 7 0
Mechanical Engineering II. ...	2	Mr. Ledger ... ..	S.M.	2 5 0
Mining Geology ... ..	1	Mr. Howchin ... ..	U.	1 1 0
Metallurgy I. ... ..	2	Mr. Higgin ... ..	S.M.	3 0 0
Iron, Steel, and Alloys ...	1	Mr. Higgin ... ..	S.M.	1 0 0
Assaying II. ... ..	8	Mr. Higgin ... ..	S.M.	5 5 0
Machine Design I. ... ..	2	Mr. ... ..	S.M.	1 10 0

## METALLURGY.

### FIRST YEAR.

Same as for Mining.

### SECOND YEAR.

Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
Physics, II., Lect. and Pract.	9	Prof. Bragg and Mr. Madsen	U.	12 12 0
Chemistry II., Lectures	... 2	Prof. Rennie	U.	4 4 0
Chemistry II., Practical	... 10	{ Prof. Rennie and Dr. Cooke Or, Mr. Higgin and Mr. Hooper	U. } S.M. }	6 6 0
Assaying I. ... ..	... 6	Mr. Higgin	S.M.	4 10 0
Metallurgy I. ... ..	... 2	Mr. Higgin	S.M.	3 0 0
Mineralogy ... ..	... 2	Mr. Mawson	U.	4 4 0

### THIRD YEAR.

Applied Mathematics	... 3	Mr. Chapman	U.	5 5 0
Drawing II. ... ..	... 4	{ Mr. Gill	and { S.M. and S. D.	1 13 4
Assaying II. ... ..	... 20	Mr. Higgin	S.M.	9 9 0
Metallurgy II. ... ..	... 3	Mr. Higgin	S.M.	4 4 0
Geology (3rd term only)	... 2	Mr. Howchin	U.	1 1 0
Mechanical Engineering I.	2 <sub>3</sub>	Mr. Ledger	S.M.	1 10 0

### FOURTH YEAR.

Assaying III. ... ..	... 12	Mr. Higgin	S.M.	6 6 0
Metallurgy III. ... ..	... 1	Mr. Higgin	S.M.	3 0 0
Geology ... ..	... 3 <sub>2</sub>	Mr. Howchin	U.	3 3 0
Mining Geology ... ..	... 1 <sub>1</sub>	Mr. Howchin	U.	1 1 0
Applied Mechanics III.	... 2	Mr. Chapman	U.	4 4 0
Machine Design I. ... ..	... 2		S.M.	1 10 0

**ELECTRICAL ENGINEERING.****COURSE A.****FIRST YEAR.**

Same as for Mining.

**SECOND YEAR.**

Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
Mathematics I., Second Year	2	Prof. Bragg ... ..	U.	3 3 0
Applied Mathematics ...	3	Mr. Chapman ... ..	U.	5 5 0
Physics II., Lect. and Pract.	9	Prof. Bragg and Mr. Madsen ... ..	U.	12 12 0
Drawing II. ... ..	4	{ Mr. Gill. and }	{ S.M. and S.D. }	1 13 4
Applied Mechanics I. ...	2 <sub>2</sub>	... ..	S.M.	1 0 0
Fitting and Turning II. ...	3	Mr. Walters ... ..	S.M.	2 5 0
Mechanical Engineering I.	2 <sub>3</sub>	Mr. Ledger ... ..	S.M.	1 10 0

**THIRD YEAR.**

Physics III., Lect. and Pract.	13	Prof. Bragg and Mr. Madsen ... ..	U.	15 15 0
Drawing III. ... ..	4	... ..	S.M.	2 2 0
Applied Mechanics II. ...	2 <sub>2</sub>	Mr. Ledger ... ..	S.M.	1 0 0
Applied Mechanics III. ...	2	Mr. Chapman ... ..	U.	4 4 0
Machine Design I. ... ..	2	... ..	S.M.	1 10 0
Iron, Steel, and Alloys ...	1 <sub>1</sub>	Mr. Higgin ... ..	S.M.	1 0 0

**FOURTH YEAR.**

Electrical Engineering ...	18	Mr. Madsen .. ..	U.	17 17 0
Railway Engineering and Transmission of Power ...	1	Mr. Chapman ... ..	U.	2 2 0
Hydraulics ... ..	2 <sub>1</sub>	Mr. Chapman ... ..	U.	1 1 0
Mechanical Engineering II.	2	Mr. Ledger ... ..	S.M.	2 5 0
Building Construction II.	1 <sub>1</sub>	Mr. Ledger ... ..	S.M.	0 10 0

## ELECTRICAL ENGINEERING.

### ALTERNATIVE COURSE **B.**

#### FIRST YEAR.

Same as for Mining.

#### SECOND YEAR.

Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee.
Mathematics I. (Second Year)	2	Prof. Bragg .. ..	U.	3 3 0
Applied Mathematics ...	3	Mr. Chapman ... ..	U.	5 5 0
Physics II. Lect. and Pract.	9	{ Professor Bragg and } { Mr. Madsen ... }	U.	12 12 0
Chemistry II., Lectures ...	2	Prof. Rennie ... ..	U.	4 4 0
Chemistry II., Practical ...	10	{ Prof. Rennie and Dr } { Cooke } { or, Mr. Higgin and } { Mr. Hooper }	U. or } S.M. }	{ 6 } { 6 0 }
Mechanical Engineering I.	2 <sub>s</sub>	Mr. Ledger ... ..	S.M.	1 10 0

#### THIRD YEAR.

Physics III., Lect. and Pract.	13	{ Prof. Bragg and Mr. } { Madsen }	U.	15 15 0
Drawing II. ... ..	4	{ Gill and Mr. }	S.M. and } S.D. }	{ 1 } { 13 4 }
Applied Mechanics I. ...	2 <sub>2</sub>	... ..	S.M.	1 0 0
Machine Design I. ...	2	... ..	S.M.	1 10 0
Iron, Steel, and Alloys ...	1 <sub>1</sub>	Mr. Higgin ... ..	S.M.	1 0 0
Assaying II. (Electrical Course)		Mr. Higgin ... ..	S.M.	4 14 6

#### FOURTH YEAR.

Electrical Engineering ...	18	Mr. Madsen ... ..	U.	17 17 0
Hydraulics ... ..	2 <sub>1</sub>	Mr. Chapman ... ..	U.	1 1 0
Applied Mechanics III. ...	2	Mr. Chapman ... ..	U.	4 4 0
Railway Engineering and Transmission of Power	1	Mr. Chapman ... ..	U.	2 2 0
Electro Metallurgy ... ..		Mr. Higgin ... ..	S.M.	1 0 0

## MECHANICAL ENGINEERING.

## FIRST YEAR.

Same as for Mining, with the addition of

Subject.	Hours per Week.	Lecturer.	Place of Lecture.	Fee. £ s. d.
Woodworking ...	4	Mr. Tilley	S.M.	2 2 0

## SECOND YEAR.

The same as for the Second Year's Course in Electrical Engineering with the addition of:—

Pattern Making ...	4	Mr. Tilley	S.M.	2 2 0
Iron, Steel, and Alloys ...	1 <sub>1</sub>	Mr. Higgin	S.M.	1 0 0
Descriptive Geometry ...	2 <sub>1</sub>	Mr. Gill	S.D.	0 13 4

## THIRD YEAR.

Drawing III. ...	4		S.M.	2 2
Applied Mechanics II. ...	2 <sub>2</sub>	Mr. Ledger	S.M.	1 0 0
Applied Mechanics III. ...	2	Mr. Chapman	U.	4 4 0
Hydraulics ...	2 <sub>1</sub>	Mr. Chapman	U.	1 1 0
Mechanical Engineering II. ...	2	Mr. Ledger	S.M.	2 5 0
Fitting and Turning II. ...	3	Mr. Walters	S.M.	2 5 0
Machine Design I. ...	2		S.M.	1 10 0

## FOURTH YEAR.

Drawing IV. ...	4	} Mr. Ledger and	} S.M.	2 5 0
Mechanical Engineering III. ...	2			
Mechanical Engineering IV. ...	2	Mr. Ledger	S.M.	3 15 0
Fitting and Turning III. ...	3	Mr. Walters	S.M.	2 5 0
Machine Design III. ...	4	Mr. Ledger	S.M.	3 0 0
Railway Engineering and Transmission of Power ...	1	Mr. Chapman	U.	2 2 0
Building Construction II. ...	1 <sub>1</sub>	Mr. Ledger	S.M.	0 10 0

## RULES OF THE PHYSICAL LABORATORY.

- I. The Physical Laboratory shall be open daily during Term time (Saturdays excepted), at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.
- II. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.
- III. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.
- IV. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open *gratis*, except as regards such payment for material and special attendance as may be considered necessary by the Professor.
- V. The Professor of Physics may exclude from the Physical Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

Made by Council 30th June, 1899.



## RULES OF THE CHEMICAL LABORATORY.

- I. The Chemical Laboratory shall be open upon each week-day, during Term time (Saturdays and holidays excepted), from 10 a.m. to 5 p.m.
- II. Instruction will be given in Qualitative and Quantitative Analysis; but no student will be admitted to Laboratory work until he has shown to the satisfaction of the Professor of Chemistry that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.
- III. Each student will be provided by the University with a set of re-agents, and a working bench with necessary fittings, to which gas and water are laid on, and also with all apparatus necessary for the ordinary courses of Qualitative Analysis.
- IV. Each student must, at the beginning of the year, pay a deposit fee of £1. Against this deposit fee all breakages, and also the cost of filter paper, litmus papers, platinum wire and foil, glass tubing, platinum chloride solution, and sundries will be debited. The balance, if any, will be refunded at the end of the year. If at any time the value of the apparatus broken and materials used by a student exceeds the amount of his deposit fee, an additional deposit fee must forthwith be paid by him.
- V. Students engaged in Quantitative Analysis must provide themselves with a platinum crucible and capsule, and a set of gramme weights.
- VI. Students engaged in private investigations must provide themselves with any materials they may require which are not included amongst the ordinary re-agents; also with the common chemicals, when they are employed in large quantities.
- VII. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

VIII. All preparations made from materials supplied by the University shall be its property.

IX. No experiments of a *dangerous nature* may be performed without the express sanction of the Professor.

X. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

XI. The Professor may exclude any student from the Chemical Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

XII. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

XIII. The fees for students not attending the ordinary course of instruction are as follows :—

For 5 days in the week, £4 5s. 0d. per month, or £10 per term.

For 4 days in the week, £3 6s. 8d. per month, or £8 per term.

For 3 days in the week, £2 10s. 0d. per month, or £6 per term.

For 2 days in the week, £2 0s. 0d. per month, or £4 per term.

For 1 day in the week, £1 0s. 0d. per month, or £2 per term.

Made by Council, 26th June, 1903.

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OF THE DEGREE OF BACHELOR OF LAWS  
AND  
OF THE FINAL CERTIFICATE IN LAW.

REGULATIONS.

- I. All Students before commencing the course for the Degree of Bachelor of Laws shall either—
  1. Have passed the Senior Public Examination (including Latin), or
  2. Have already graduated in Arts.
- II. All Students before commencing the course for the Final Certificate required for admission as a Practitioner of the Supreme Court shall either—
  1. Have passed the Senior Public Examination (including Latin), or
  2. Shall be articled, or qualified to be articled, to a Practitioner of the Supreme Court.
- III. A Certificate that he has passed a Matriculation Examination of the University shall be given to any Student in Law who shall have passed the Senior Public Examination (including Latin).
- IV. The subjects for Examination for the Degree of Bachelor of Laws shall be divided into two classes, hereinafter distinguished as Ordinary Subjects and Special Subjects.
- \*V. The Ordinary Subjects are the following :—
  1. The Law of Property (Part I.).
  2. The Law of Property (Part II.).
  3. The Law of Contracts.
  4. The Law of Wrongs (Civil and Criminal).
  5. The Law of Evidence and Procedure.
  6. Constitutional Law.
- \*VI. The Special Subjects are the following :—
  1. Latin.
  2. { Any two subjects of the course for the Ordinary
  3. { Degree of Bachelor of Arts exclusive of Latin.
  4. Roman Law.
  5. Jurisprudence.
  6. International Law (Public and Private).

- VII. Candidates for the Degree of Bachelor of Laws are required to pass in all the above subjects, both Ordinary and Special.
- VIII. Candidates for the Final Certificate are required to pass in the Ordinary subjects only.
- \*IX. Students who shall have already graduated in Arts, including Latin, will be credited with having passed in the Special subjects numbered 1, 2, and 3.
- X. Students will be credited with having passed in any of the Special subjects numbered 1, 2, and 3, in which they may have already passed in the B.A. Course in accordance with the Regulations for the B.A. Degree.
- XI. Annual Examinations shall be held in November and March in each year.
- \*XII. All subjects, whether ordinary or special, may be taken at any annual Examination, and in any order; except that no student shall, without the special permission of the Faculty, present himself for examination in the Law of Property, Part II., before he has passed in the Law of Property, Part I., or within six months thereafter. Provided that no student shall present himself for examination in any special subject in March without the special permission of the Faculty.
- XIII. No Student shall at any Annual Examination present himself for examination in more than three Special subjects save by the special permission of the Faculty.
- XIV. Subject to the exceptions hereinafter stated no student shall present himself for examination in any subject in respect of which he has not gained credit for one academical year's attendance at lectures during the immediately preceding year.
- XV. No Student shall be credited with an academical year's attendance at lectures in any subject unless he shall have attended and gained credit for three-fourths of the lectures given on that subject in each term of the year, and shall have presented himself at two Term Examinations in the subject during the year, and shall have passed one at least of such examinations.
- XVI. Any student shall be exempt from the requirements of Regulation XIV., if, and so long as he is articled to a Practitioner of the Supreme Court, whose office is more than ten miles distant from the University.
- XVII. The Council on the recommendation of the Faculty of Law, may by special order, and on special grounds, exempt any Student wholly or partially, from the requirements of Regulation XIV.

XVIII. All Students shall be classified as proceeding either to the Degree of Bachelor of Laws, or for the Final Certificate, but any Student may at any time (even after obtaining the Final Certificate) if qualified under Regulation I., be removed from one class into the other, on application to the Registrar, and all Ordinary subjects in which he may have passed while in the one class shall be credited to him in the other.

\*XIX. Schedules defining the scope of the subjects of study and appointing text-books in respect of the same shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study.

XX. The names of all Students who shall pass an Annual Examination in any subject shall be arranged under the heading of such subject in three classes in order of merit in each class. A copy of such list shall be transmitted by the Registrar to the Chief Justice or to the Senior Judge of the Supreme Court.

XXI. Students shall give to the Registrar one calendar month's notice of their intention to present themselves at an Annual Examination. A notice not complying with this Regulation shall not be received unless the Faculty of Law, on application, orders otherwise.

XXII. The undermentioned fees shall be payable in advance :—

(1). Entrance fee payable by all students at the commencement of their Course ... ..	£2 2 0
(2). Fee payable in each Term for every subject in which a Student attends lectures ... ..	1 11 6
(3). Fee for each subject at an Annual Examination ..	1 1 0
(4). Fee for the Final Certificate ... ..	5 5 0
(5). Fee for the Degree of Bachelor of Laws... ..	5 5 0

XXIII. These Regulations shall apply to all present students but they shall be credited with the subjects in which they may have already passed under the Regulations hereby repealed. Students now proceeding to the Degree of Bachelor of Laws under Regulation IX. or XI. of the Regulations hereby repealed shall be exempt from the requirements of Regulation XIV., nor shall they be required to pass in any additional subject in consequence of the establishment of these present Regulations

XXIV. The following form of notice is prescribed :—

*Form of Notice to be sent to the Registrar by any Student intending to present himself at an Annual Examination in Law.*

THE UNIVERSITY OF ADELAIDE.

I, \_\_\_\_\_, a student of this University, hereby give notice that I intend to present myself at the Annual Examination in Law, in the month of \_\_\_\_\_ next for examination in the undermentioned subjects :

[Here state subjects.]

I send herewith the prescribed fee of £ \_\_\_\_\_ being £1 ls. for each of the above mentioned subjects.

(If the student is an articled clerk, add) :

I am articled to Mr. \_\_\_\_\_ a solicitor of the Supreme Court, whose office is situated in \_\_\_\_\_

Dated this \_\_\_\_\_ day of \_\_\_\_\_  
 (Signature of Student).....  
 (Address).....

To the Registrar,  
 University of Adelaide.

XXV. From and after the allowance and counter-signature by the Governor of these Regulations, there shall be repealed all Regulations hitherto made respecting the Degree of Bachelor of Laws and the Final Certificate in Law.

*Allowed 25th January, 1899.*

SCHEDULE.

DETAILS OF SUBJECTS FOR THE DEGREE OF BACHELOR OF LAWS AND THE FINAL CERTIFICATE IN LAW—  
 NOVEMBER, 1906, AND MARCH, 1907.

*NOTE.—The Lists of Statutes here given are intended as a guide to the general scope of the Examinations, but are not necessarily exhaustive.*

I. LAW OF PROPERTY (Part I).—

- (a) Principles of the Law of Real and Personal Property.
- (b) Statutes : Nos. 8 of 1841 (Registration of Deeds); 15 of 1843; 25 of 1852; 5 of 1853, sections 163-165, 184-185; 6 of 1860; Settled Estates Acts, 1880 and 1889; Partition Act, 1881; Estates Tail Act, 1881; Distress for Rent Act, 1888; 580 of 1893 (Landlord and Tenant); Real Property Act, 1886.

Text Books :—

- Williams' Real Property (omitting Part I. Chaps. 11 and 13; Part II. Chap. 5; Part III. and Part VII.)
- Williams' Personal Property (omitting Chap. 4 of Part I.; Part II., with the exception of Chap. 7, and Chap. 5 of Part III.).

II. LAW OF PROPERTY (Part II.)—

- (a) Principles of the Law of Real and Personal Property.
- (b) The following subjects (treated more fully than in Property Part I.)—Trusts, Mortgages, Bills of Sale, Administration of Deceased Persons' Estates, Married Women's Property, Insolvency, and Companies.
- (c) The following Statutes:—
  - Trustee Act, 1893.
  - Administration and Probate Acts, 1891 and 1904.
  - Real Property Act, 1886.
  - Bills of Sale Act, 1886, and No. 4 of 1855-6.
  - Married Women's Property Acts, 1883-4, and 1898, so far as they relate to property.
  - Insolvent Act, 1886.
  - Act No. 7 of 1862, Part, II.
  - Act No. 8 of 1841 (Registration of Deeds).
  - Companies Act, 1892.
  - Policies Protection Act, 1887.

Text-books:—

- Williams' Real Property.
- Williams' Personal Property.
- Underhill's Law of Trusts.

III. CONSTITUTIONAL LAW—

- (a) Outlines of the Constitutional History of England.
- (b) Elements of English Constitutional Law.
- (c) Relations of the Crown and Imperial Parliament to the Colonies.
- (d) The Constitution of South Australia.
- (e) The Constitution of the Commonwealth of Australia.
- (f) The following Statutes:—
  - Colonial Laws Validity Act, 1865.
  - Naturalization Act, 1870 (Imp.).
  - Commonwealth of Australia Constitution Act.
  - Constitution Act, 1855-6.
  - Constitution Amendment Acts, 1873, 1894, 1899, 1901, 1902.
  - Language of Acts Act, 1872.
  - Lapsed Bills Continuance Act, 1893.
  - Contractors in Parliament Act, 1870.
  - Electoral Code, 1896, Chap. 7.
  - Acts No. 16 of 1873; 14 of 1872; 430 of 1888.
  - Interpretation Act, 1901 (Fed.).
  - Franchise Act, 1902 (Fed.).
  - Judiciary Act, 1903 (Fed.).
  - Naturalization Act, 1903 (Fed.).

Text-books:

- Ridges' Constitutional Law of England.

IV. LAW OF CONTRACTS—

- (a) General Principles.
- (b) The Law as to the Sale of Goods, Negotiable Instruments, Agency, Partnership, Suretyship, Bills of Lading, Insurance, and Bailments.

- (c) The following Statutes :—  
 Married Women's Property Acts, 1833-4, 1898, 1902 (so far as they relate to Contracts).  
 Bills of Exchange Act, 1884.  
 Bills of Lading Act, 1859.  
 Limitation of Suits and Actions Act, 1866-7 (so far as it relates to Contracts).  
 Mercantile Law Amendment Act, 1861.  
 Sale of Goods Act, 1895.  
 Partnership Act, 1891.  
 Money Lenders Act, 1903.  
 Bills of Lading Act, 1903 (Fed.).

Text-book :

Anson's Law of Contract.

V. LAW OF WRONGS.

- (a) Law of Torts.

- (b) The following Statutes :—  
 Employer's Liability Acts, 1884 and 1889.  
 Lord Campbell's Act, 1865, and No. 17 of 1874.  
 Companies' Act, 1892, Section 221.  
 Law of Libel Amendment Act, 1895.  
 Act to Amend the Law of Slander, 1865.  
 Limitation of Suits and Actions Act, 1866-7, Sections 36, 37, 38, 47.  
 Act, No. 6 of 1867, Sections 19, 20, and 24.  
 Noisy Trades Act, 1898.

- (c) Criminal Law, so far as it relates to the following indictable offences :—Treason, Treason-felony, Rioting, Forceful Entry, Sedition, Piracy, Perjury, Nuisance, Homicide, Assault, Bigamy, Libel, Larceny, Embezzlement, False Pretences, Burglary, Conspiracy, Misappropriation, Forgery.

- (d) Outlines of Criminal Procedure in indictable offences.

Text-books :

Pollock's Law of Torts.  
 Kenny's Outlines of Criminal Law.

*NOTE.*—*The Law of Torts and the Law of Crimes are distinct subjects; and Students are required to pass in each at the same examination.*

VI. ROMAN LAW—

The elements of Roman Law so far as comprised in the Institutes of Justinian.

Outlines of the History of Roman Law.

Text-book :

Sandars' Institutes of Justinian.

VII. INTERNATIONAL LAW—

- (a) Public International Law.

- (b) Private International Law.

Text-books :

Lawrence's Principles of International Law.  
 Dicey's Conflict of Laws.

*NOTE.*—*Public and Private International Law are distinct subjects; and Students are required to pass in each at the same examination.*



VIII. JURISPRUDENCE—

Text-book :

Salmond's Jurisprudence (1902).

IX. LAW OF EVIDENCE AND PROCEDURE—

(a) Principles of the Law of Evidence.

Statutes : No. 2 of 1852 ; 24 of 1855, sections 12-21, and 35-42 inclusive ; 13 of 1866 ; 10 of 1869 ; 162 of 1879 ; 245 of 1882 ; 435 of 1888.

State Laws and Records Recognition Act, 1901 (Fed.).

(b) Procedure of the Supreme Court.

Supreme Court Acts, No. 5 of 1853 ; No. 24 of 1855-6 ; No. 3 of 1862 ; No. 8 of 1867 ; and No. 116 of 1878 ; with Rules of 1878, 1884, and 1893.

Intercolonial Debts Act, 1887.

Creditors' Remedies Act, 1880.

Service and Execution of Process Act, 1901 (Fed.).

(c) Procedure of the Local Court.

Local Courts Act, 1886.

Text-books :

Stephen's Digest of the Law of Evidence.

Phipson's Law of Evidence.

Odgers' Principles of Pleading.

X. LATIN—

(a) Translation from English into Latin.

(b) Translation from Latin into English

(c) Books specially set—

Livy—*Ab urbe condita*, Book I.

Horace—*Carmina*, Book III.

Juvenal—*Satires*, 1, 3, 4, 5, 7, 10 (in J. D. Duff's Edition).

(d) Questions in grammar, and in the subject matter of the set books, with special reference to the lectures given.

XI. For Details of Special Subjects 2 and 3 see the Schedule to the Regulations for the B.A. Degree.

NOTE.—The following course of study is recommended to candidates for the Degree of Bachelor of Laws :—

FIRST YEAR.

Latin.

Law of Contract.

One subject included in the B.A. Course.

SECOND YEAR.

Law of Property (Part I.)

Constitutional Law.

One subject included in the B.A. course.

THIRD YEAR.

Law of Property (Part II.)

Law of Wrongs.

Roman Law.

FOURTH YEAR.

International Law.  
Jurisprudence.  
Law of Evidence and Procedure.

It is recommended that candidates for the Degree of Bachelor of Laws should not enter into Articles until after the completion of their first year's course at the University.

*Students are required to provide themselves with the necessary text books before the beginning of each session, and for this purpose it is necessary that orders should be given to the booksellers at least three months beforehand.*

*Students are recommended to attend the Elocution Class. Fee—10s. 6d. per term.*

For details of subjects for examination in March, 1906, see the Calendar for 1905.

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## RULES OF THE SUPREME COURT.

The Rules of the Supreme Court respecting the admission of legal practitioners which concern students of Law in the University are here printed for convenience of reference :—

6. Every person must, before he enters into articles, produce to the Board a certificate of his having passed the Matriculation Examination in the University of Adelaide, or in some University recognized by the University of Adelaide, or of his having passed the preliminary or any intermediate examination which clerks articulated in England, Ireland, or Scotland, may for the time being be required to pass, and must lodge with the Board a copy of the certificate of his having so passed.

8. Every such articulated clerk and every person not actually called to the bar or admitted as mentioned in Rule 11, shall, before he applies for admission to practise in the Court, after examination, have taken, or be entitled to take, the degree of Bachelor of Laws at the University of Adelaide, or shall, at the proper examinations of the University of Adelaide, have passed in—

The Law of Property,  
Constitutional Law,  
The Law of Obligations,  
The Law of Wrongs (civil and criminal), and  
The Law of Procedure :

and shall furnish to the Board the said University's final certificate of having so passed.

11. The following persons only shall, subject to these Rules, be eligible to be admitted to practise as barristers, attorneys, solicitors, and proctors, that is to say :—

- i. Persons who have been articulated to some practitioner of the Court for the full term of five years, and have served the full term of their clerkship : Provided that in the case of any person who shall before or during his service under articles have taken the degree of Bachelor of Laws or of Arts in the University of Adelaide, or in some University recognized by the University of Adelaide, service under articles, for the full term of three years, shall be sufficient.

- ii. Persons who shall have served the full term of five years as associate or assistant or acting associate to the Judges of the Court or any of them : Provided that if any such person shall, before or during service as such associate or assistant or acting associate have taken the degree of Bachelor of Laws or of Arts in the University of Adelaide, or in any University recognised by the University of Adelaide, such service for the full term of three years shall be sufficient : Provided also that such associate or assistant or acting associate shall, by the certificate of any one of the said Judges, satisfy the Board as to his conduct and fitness to be admitted.
  - iii. Persons who shall have served the full term of five years, during part of such period as associate or assistant or acting associate to the Judges of the Court or any of them, and during part of such period under articles of clerkship : Provided that if any such person shall, before or during such service have taken the degree of Bachelor of Laws or Arts in the University of Adelaide or in any University recognised by the University of Adelaide, such service for the full term of three years shall be sufficient : Provided also that, without limiting the effect of Rule 9, every such person shall, by the certificate of any one of the said Judges satisfy the Board as to his conduct and fitness to be admitted.
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## OF THE DEGREE OF DOCTOR OF LAWS.

## REGULATIONS.

- I. Every candidate for the Degree of Doctor of Laws must have been admitted to the Degree of Bachelor of Laws at least three years before the beginning of the year in which he presents himself for examination.
- II. The candidate shall give written notice to the Registrar on or before the first day of July of his intention to present himself for examination, and shall at the same time pay the examination fee hereinafter mentioned.
- III. Every candidate must submit with his notice of intention to present himself for examination, an original thesis of sufficient merit on some legal subject proposed by the candidate and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is of his own composition.
- IV. If the thesis is approved as sufficient by the examiners, the candidate shall be examined in Roman Law, Jurisprudence, and Public International Law, and must pass in all these subjects at the same examination. The examination will be held in the third term of the same academical year. A thesis presented by a candidate who fails to pass the examination will not be accepted at any subsequent examination.
- V. Schedules defining the range of study shall be drawn up from time to time by the Faculty of Law subject to the approval of the Council.
- VI. The following fees shall be payable in advance :—

Examination Fee ... ..	£15	15	0
Fee for the Degree ... ..	£10	10	0

*Allowed 7th December, 1905.*

SCHEDULE DRAWN UP UNDER No. IV. OF THE FOREGOING  
REGULATIONS.

DETAILS OF SUBJECTS FOR THE EXAMINATION FOR THE  
DEGREE OF LL.D. IN NOVEMBER, 1906.

I. ROMAN LAW.

The History of Roman Law.  
The Institutes of Gaius and Justinian.  
The following portions of the Digest:  
D. 41. 1. De acquirendo rerum dominio.  
D. 41. 2. De acquirenda vel amittenda possessione.  
D. 44. 7. De obligationibus et actionibus.

Books recommended :

Hunter's Roman Law.  
Moyle's Institutes of Justinian.  
Roby's Roman Private Law.  
Muirhead's Historical Introduction to the Private Law of Rome.  
Poste's Elements of Roman Law.

II. JURISPRUDENCE.

Books recommended :

Austin's Jurisprudence.  
Pollock's First Book of Jurisprudence.  
Salmond's Jurisprudence.  
Holmes' Common Law.  
Sidgwick's Science of Politics.  
Bentham's Theory of Legislation (Dumont).  
Maine's Ancient Law.

III. PUBLIC INTERNATIONAL LAW.

Books recommended :

Hall's International Law.  
Westlake's International Law.  
Lawrence's International Law.

## OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

### REGULATIONS.

- I. No person shall be permitted to commence the medical course until he shall have completed his sixteenth year and have produced evidence of the fact to the satisfaction of the Council.
- \*II. Before entering upon the Medical Course, the intending student must have passed the Senior Public Examination in at least five subjects at one and the same examination; and if the subjects passed have not included :
- (1). English Literature.
  - (2). Latin.
  - (3). Arithmetic and Algebra.
  - (4). Geometry.
  - (5). One of the following :—(a) Greek ; (b) French ;  
(c) German.
- he must also have passed at some prior or subsequent Senior Public Examination in such of those five subjects as were not so included.
- III. On entering the Medical Course the student must send his name to the Registrar of the University for registration as a Medical Student by the General Medical Council in London.
- IV. To obtain the degrees of Bachelor of Medicine and Bachelor of Surgery the student must complete five academic years of medical study, and pass the examination proper to each year before commencing the course of study and practice for the following year.
- V. The student shall forward to the Registrar notice of his intention to present himself at the examination in any year, together with certificates of having completed the course of study and practice prescribed for that year (*vide* Schedule 2).

- VI. Schedules shall be drawn up by the Faculty of Medicine, and, after approval by the Council, shall be published before the commencement of each academic year. Such Schedules shall prescribe
1. Details of the course of study and practice for each academic year.
  2. The forms of notices and certificates required from students under these Regulations.
- VII. The student shall not in any academic year be credited with attendance at the lectures on any subject unless he shall have attended three-fourths of the lectures given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.
- VIII. The Ordinary Examination shall be held in November of each year, and the date of the examination shall be fixed by the Council.
- IX. The names of the successful candidates at each examination in the Third Term shall be arranged in three classes, the first class in order of merit, and the second and third classes in alphabetical order.
- X. In addition to the Ordinary Examination held in November, a Supplementary Examination may be held in the following March, or on a date to be fixed by the Council. No student shall be allowed to present himself at any such Supplementary Examination without the special permission of the Council.
- XI. Any student who has passed examinations *in pari materiâ* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.
- XII. Any student who, by reason of illness or other sufficient cause, allowed by the Council, has been prevented from attending the whole or part of any Ordinary Examination, may apply to the Council for permission to present himself at a Supplementary Examination.
- XIII. Any student who has presented himself at an Ordinary Examination, but has failed to pass, may, if recommended by the Board of Examiners, apply to the Council for permission to present



himself for re-examination at the Supplementary Examination in the following March. Such recommendation shall be made by the Board of Examiners when settling the results of the Ordinary Examinations, but the Board shall in no case recommend for a Supplementary Examination any student of the fifth year who has failed to pass at the Ordinary Examination.

XIV. The student shall not be required to be re-examined at the Supplementary Examination in any subject in which he has passed at the Ordinary Examination in the previous year, and, on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but no classification will be allowed.

XV. At the First Examination the student shall satisfy the Examiners in each of the following subjects:—

1. *Elementary Anatomy and Dissections.*
2. *Elementary Biology*, theoretical and practical.
3. *Inorganic Chemistry*, theoretical and practical.
4. *Elements of Physics.*

XVI. At the Second Examination the student shall satisfy the Examiners in each of the following subjects:—

1. *Anatomy*—General and descriptive, with Dissections.
2. *Physiology*—Including Practical Physiology, Histology, and Physiological Chemistry.
3. *Chemistry*—Organic Chemistry, theoretical and practical, with special reference to Physiology and Medicine. The chemistry of poisons, organic and inorganic, with special reference to their detection.

XVII. At the Third Examination the student shall satisfy the Examiners in each of the following subjects:—

1. *Principles and Practice of Medicine.*
2. *Principles and Practice of Surgery.*
3. *Regional and Surgical Anatomy.*
4. *Materia Medica.*

XVIII. At the Fourth Examination the student shall satisfy the Examiners in each of the following subjects:—

1. *Principles and Practice of Medicine*, including *Clinical Medicine.*

2. *Principles and Practice of Surgery, including Surgical Anatomy, and Clinical Surgery.*
3. *Obstetrics.*
4. *Forensic Medicine, including Insanity.*
5. *Pathology.*

XIX. At the Fifth Examination the student shall satisfy the Examiners in each of the following subjects:—

1. *Medicine, all branches.*
2. *Surgery, all branches, including Surgical Anatomy and Operative Surgery.*
3. *Gynæcology.*
4. *Ophthalmology.*
5. *Otology.*
6. *Elements of Hygiene.*
7. *Therapeutics.*

XX. The following shall be the fees for the course, payable per Term in advance, in such instalments as the Council shall from time to time determine:—

Anatomy and Dissections, Regional and Surgical	
Anatomy ... ..	£23 2 0
Biology and Physiology ... ..	18 18 0
Chemistry, Inorganic and Organic (including Practical Chemistry and Physiological and Pathological Chemistry)... ..	14 14 0
Physics ... ..	4 4 0
Principles and Practice of Medicine (including Clinical Medicine and Instruction at Children's Hospital) ... ..	22 1 0
Principles and Practice of Surgery (including Clinical Surgery, Operative Surgery, and Otology) ... ..	23 2 0
Obstetrics and Gynaecology ... ..	6 6 0
Forensic Medicine and Insanity ... ..	4 4 0
Pathology ... ..	4 4 0
Ophthalmology ... ..	3 3 0
Therapeutics and Materia Medica ... ..	6 6 0
Bacteriology ... ..	3 3 0
Fee for each Ordinary Examination, £3 3s. Total amount of Examination Fees for the Five Years ... ..	15 15 0
Fee for the Degree of Bachelor of Medicine and Bachelor of Surgery ... ..	5 5 0
Total ... ..	£154 7 0
Fee by each Candidate for a Supplementary Examination	5 5 0

XXI. All regulations hitherto in force concerning the degrees of Bachelor of Medicine and Bachelor of Surgery are hereby repealed : provided that this repeal shall not affect—

- (a) anything done or suffered under any regulations hereby repealed, or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

XXII. All questions arising under these Regulations shall be determined by the Council.

*Allowed 9th April, 1902.*

NOTE.—*In order to comply with the requirements of the General Medical Council in London, all these subjects must be passed at one and the same examination.*

### SCHEDULES.

Subjects for each year of the Medical Course :—

During the first academic year students shall

- (a) Attend a course of lectures and demonstrations on **Anatomy.**
- (b) Dissect during six months to the satisfaction of the Professor of Anatomy.
- (c) Attend a course of lectures on Biology.
- (d) Perform practical biological and physiological work during such academic year to the satisfaction of the Professor of Physiology.
- (e) Attend a course of lectures on Chemistry.
- (f) Perform practical work in Inorganic Chemistry to the satisfaction of the Professor of Chemistry.
- (g) Attend lectures on the Elements of Physics.
- (h) Perform practical work in Physics to the satisfaction of the Professor of Physics.

During the second academic year students shall

- (a) Attend a course of lectures on Anatomy.
- (b) Dissect during six months to the satisfaction of the Professor of Anatomy.

- (c) Attend a course of lectures on Physiology.
- (d) Perform practical physiological work during such academic year to the satisfaction of the Professor of Physiology.
- (e) Attend a course of lectures on Organic Chemistry.
- (f) Perform practical work in Organic Chemistry and Toxicology during three months to the satisfaction of the Professor of Chemistry.

During the third academic year students shall

- (a) Attend a course of lectures on the Principles and Practice of Medicine.
- (b) Attend during the whole of the academic year a course of lectures on Clinical Medicine and Clinical Surgery, and to act as Surgical Dresser.
- (c) Attend a course of lectures on the Principles and Practice of Surgery.
- (d) Attend a course of demonstrations on Regional and Surgical Anatomy.
- (e) Attend a course of practical demonstrations on Elementary Bacteriology, and to produce a certificate of proficiency, signed by the Demonstrator.
- (f) Attend a course of lectures on Materia Medica.
- (g) Receive instruction in Dentistry from some person approved by the Council.
- (h) Receive instruction in Practical Pharmacy during a period of three months from some person approved by the Council.
- (i) Attend a course of Lectures on Pathology.
- (j) Attend diligently *Post Mortem* Examinations at the Adelaide Hospital during six months, during three of which he shall perform them himself.
- (k) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital both in the wards and out patients' department during the academic year.

During the fourth academic year students shall

- (a) Attend a course of lectures on the Principles and Practice of Medicine.
- (b) Attend a course of lectures on the Principles and Practice of Surgery.

- (c) Attend during the whole of the academic year courses of lectures on Clinical Medicine and Clinical Surgery, and to act as Medical Clerk.
- (d) Attend a course of lectures on Obstetrics.
- (e) Attend a course of lectures on Forensic Medicine and Insanity.
- (f) Attend a course of Lectures on Pathology.
- (g) Attend diligently *Post Mortem* Examinations at the Adelaide Hospital for six months, during three of which he shall perform them himself, unless he shall have already performed them during the third year.
- (h) Hold the office of Surgical Dresser at the Adelaide Hospital during six months. Provided that the whole or any part of such six months may be served during the Third Year.
- (i) Attend diligently the medical and surgical practice of the Adelaide Hospital both in the wards and in the out-patients' department during the academic year.

During the fifth academic year students shall

- (a) Attend a course of lectures on Therapeutics.
- (b) Attend during the whole of the academic year courses of lectures on Clinical Medicine and Clinical Surgery.
- (c) Attend a course of lectures on Gynæcology.
- (d) Perform a course of Operative Surgery.
- (e) Attend a course of lectures on Ophthalmology.
- (f) Attend a course of lectures on Otology.
- (g) Attend the practice of the Hospitals for the Insane during three months.
- (h) Attend a course of clinical instruction on the diseases of children at the Adelaide Children's Hospital.
- (i) Attend diligently the Medical and Surgical Practice of the Adelaide Hospital, both in the wards and in the out-patients' department during the academic year.
- (j) Attend twenty cases of Midwifery. Provided that the whole or any part of such number may be attended during the Fourth Year.

- (k) Hold the office of Medical Clerk at the Adelaide Hospital during six months. Provided that the whole or any part of such six months may be served during the Fourth Year.
- (l) Receive instruction in Vaccination from some legally qualified practitioner approved by the Council.

Every student at the time of forwarding to the Registrar the notice of his intention to present himself at the Fifth Examination shall produce certificates of his having completed the above course of study and practice, and these certificates shall be in addition to the certificates required for the Fourth Examination.

DETAILS OF SUBJECTS FOR THE ORDINARY M.B. AND B.S.  
EXAMINATION IN NOVEMBER 1906.

FIRST YEAR'S COURSE.

*Elementary Anatomy.*

Fees for the Course, £8 8s.

*I. Descriptive Anatomy.*

Bones, Joints, and Muscles, illustrated by osteological specimens and recent dissections.

Text-books recommended:—

Anatomy, Descriptive and Surgical : Gray ; or  
Elements of Anatomy : Quain.

*II. Practical Anatomy.*

Daily attendance in the Dissecting Room from 9 to 5, excepting at lecture hours and on Saturday afternoons.

Text-books recommended:—

Demonstrations of Anatomy : } The Student's Cunningham,  
Practical Anatomy : } or Ellis.

*Elementary Biology.*

Fees for the Course, £6 6s.

The instruction in this subject will include:—

- The fundamental facts and laws of the morphology, histology, physiology, and life-history of plants, as illustrated by the following types:—  
Yeast Plant, Bacteria, Protococcus, Mucor, Penicillium, Spirogyra, the Bracken Fern, and the Bean plant.

2. The fundamental facts of animal morphology and physiology as illustrated by the following types :—  
Amœba, Vorticella, Hydra, Fresh-water mussel, Crayfish, Frog.
3. The histological characters of the blood, epidermal and connective tissues, cartilage, bone, muscle and nerve in Vertebrata.

Text-books recommended :—

Practical Biology: Huxley and Martin.

Elementary Biology: Parker;

The Frog, an Introduction to Anatomy and Histology: Milnes Marshall.

Essentials of Histology: Schäfer; or

Elements of Histology: Klein.

Introduction to Botany: Dendy and Lucas.

### *Elementary Inorganic Chemistry.*

Fees for the Course, £5 5s.

#### *i. Inorganic Chemistry.*

Properties of gases. Thermometry.

Latent heat and production of cold.

Distinction between physical and chemical properties.

Chemical action.

The atomic theory.

Laws of combination. Atomic and molecular weights.

Valency. Periodic Law. Law of Dulong and Petit.

Elementary Chemistry of the following elements and compounds :—

Hydrogen, oxygen, ozone, water.

Hydrogen peroxide. Nitrogen and its oxides.

Nitrous acid. Nitric Acid. The atmosphere.

Ammonia and its compounds. Hydroxylamine, hydrazine, hydrazoic acid.

Carbon and its oxides. Carbonic Acid and carbonates.

Methane, ethylene, acetylene, and allied hydrocarbons.

Combustion and structure of flame.

Chlorine, bromine, iodine, and their oxides and derived acids.

Fluorine and hydrofluoric acid.

Sulphur, its oxides and derived acids, the thionic acids excepted Sulphuretted hydrogen.

Sulphur chlorides. Carbon bisulphide.

Phosphorus, its oxides and derived acids.

Phosphoretted hydrogen. Phosphorus chlorides.

Arsenic and antimony, their oxides, hydrides, chlorides, sulphides, and derived acids.

Silicon and boron and their oxides, hydrides, chlorides, and derived acids.

Helium, Argon, and other similar gases.

The Elementary Chemistry of the following metals :—

Sodium, potassium, lithium

Copper, silver, gold,

Calcium, strontium, barium, radium.

Magnesium, zinc, cadmium, mercury.

Aluminium.  
 Tin, lead.  
 Bismuth.  
 Chromium, molybdenum.  
 Manganese, iron, cobalt, nickel, platinum.

## II. *Practical Chemistry.*

This course is given annually and is completed in one year.

The practical work will consist of the qualitative analysis of simple salts and simple mixtures of salts, excluding phosphates insoluble in water and silicates.

EXAMINATION. The examination in compulsory Chemistry includes both theoretical and practical chemistry. These cannot be taken separately.

Books recommended :

Introduction to the study of Chemistry, Remsen. Students proceeding to more advanced courses in Inorganic Chemistry should get Newth's Inorganic Chemistry instead of Remsen's. Qualitative Chemical Analysis, Inorganic, Chapman Jones.

### *Elementary Physics.*

Fees for the Course, £4 4s.

The first principles of Mechanics, Hydrostatics, Heat, Light, Sound, Electricity, and Magnetism.

## SECOND YEAR'S COURSE.

### *Anatomy.*

Fees for the Course, £8 8s.

#### *I. Descriptive Anatomy.*

This Course includes the subjects prescribed for the First Year, and in addition—

Description of the Vascular and Nervous Systems, Organs of special sense and other viscera.

Text-books recommended, the same as for the first year.

#### *II. Practical Anatomy.*

Attendance, and Text-books recommended, as in first year.

### *Physiology.*

Fees for the Course, £12 12s.

The subject matter of Halliburton's Handbook of Physiology and the Professor's Lectures.

Text-books recommended :

Handbook of Physiology : Halliburton (latest edition).  
 Elements of Physiology : Starling.



*Practical Examination.*

Each candidate must be prepared (1) to make, examine and describe microscopical specimens of animal tissues and organs. (2) To prove a practical acquaintance with the chemistry of albumen and its allies, milk, the digestive juices and their actions, blood, urine, glyco-gen

Also to show a practical acquaintance with the most important apparatus used in studying the physiology of muscle, nerve, the circulatory and respiratory system.

Text-books recommended :

Essentials of Histology: Schäfer (latest edition) ; or  
Elements of Histology: Klein.  
Essentials of Experimental Physiology: Brodie.  
Essentials of Chemical Physiology: Halliburton.

*Chemistry.*

Fees for the Course, £9 9s.

*Organic Chemistry.*

Law of Substitution. Compound Radicals.  
Homologous Series. Principles of Ultimate Analysis.  
Chemical History of the Cyanogen Group. Cyanogen. Hydrocyanic Acid.  
Cyanic Acid and Urea. Sulphocyanic Acid. Uric Acid.  
Amylaceous and Saccharine substances.  
Fermentation. Alcohol, Wine, Beer, &c.  
Homologues of Alcohol. Ethers, simple and mixed. Oxidation of Alcohol. Aldehyde and Acetic Acid and their homologues.  
Glycol and Oxalic Acid and their homologues.  
Glycerine. Fatty and oily bodies. Saponification.  
Principal vegetable acids  
Ammonia and its derivatives. Ammonium and ammoniacal salts.  
Chief natural organic bases.  
Chief constituents of the vegetable and animal organisms. Blood, Milk, Bile, Urine, &c. Decay. Putrefaction. Destructive distillation. Benzene, and some of its chief derivatives, especially Phenol, Salicylic Acid, Nitrobenzenes, Aniline, and allied substances.

*Practical Chemistry.*

Qualitative analysis of mixtures containing not more than two acids and two bases, and not more than one organic acid and one organic base, the organic substances to be selected from the following list:—

Oxalates, Acetates, Benzoates, Succinates, Tartrates, Urates, Meconates, Gallates, Tannates, Cyanides, Double Cyanides, Alcohol, Starch, Cane-sugar, Grape-sugar, Urea, Morphia, Quinine, Strychnine.  
The quantitative analysis and determination of the more important substances in urine.

The quantitative analysis of milk.

Text-book recommended:—

Organic Chemistry: Remsen.

THIRD YEAR'S COURSE.

*Principles and Practice of Medicine.*

Fees for the Course, £6 6s.

General and Special Diseases.

Text-books recommended :

The Theory and Practice of Medicine : Taylor.  
The Principles and Practice of Medicine : Fagge.

*Lectures on Clinical Medicine.*

Fees for the Course, £2 2s.

*Principles and Practice of Surgery.*

Fees for the Course, £5 5s.

General and Special Diseases and Injuries.

Text-books recommended :

Science and Art of Surgery : Erichsen, or  
A System of Surgery : Treves.  
A Manual of Surgery : Rose & Carless.

The instruction in Practical Surgery will include—

The Application of Splints, Bandages, &c.

Text-books recommended :

A Surgical Handbook : Caird & Cathcart.

*Lectures on Clinical Surgery.—Dressership.*

Fees for the Course, £2 2s.

*Anatomy.*

Fees for the Course, £6 6s.

*Regional and Surgical Anatomy.*

(1) Regional Anatomy as applied to Surgery, and (2) surface Anatomy applied to the Fine Arts.

Text-book recommended :

Manual of Surgical Applied Anatomy : Treves.

*Dentistry.*

To receive instruction from some person approved by the Council.

*Practical Pharmacy.*

Instruction during a period of three months by some person approved by the Council.

*Elementary Bacteriology.*

Fees for the Course, £3 3s.

*1. General Morphology and Biology.*

Form, structure, motility, multiplication, spore-formation, chemical composition and classification of Bacteria; their nutrition, and conditions affecting their growth; the results of their vital activity and their chemical products, &c.; their death and conditions pertaining thereto.

*2. Examination and Cultivation of Bacteria*

Methods of (1) Sterilisation of vessels and instruments used; (2) Preparation of various culture media; (3) Cultivation of Bacteria; (4) Separation of pure cultures; (5) Filtration of cultures; (6) Inoculation of animals; (7) Examination under the microscope in hanging drop and film specimens; (8) Staining of Bacteria, spores, and flagella.

*3. Antisepsis and Asepsis.*

Demonstrations and practical applications, &c.

*4. Bacteriological Examination*

Of Air, Water, Milk, &c.

*5. Bacteria in relation to Disease.**6. General Bacteriological Diagnosis.*

Methods of obtaining, transferring, and examining material.

*7. Special Methods of Diagnosis*

In certain pathogenic processes.

*8. Bacteriology*

Of (1) Suppuration and allied conditions, (2) Pneumonia, (3) Tuberculosis, (4) Diphtheria, and (5) Typhoid Fever.

*Materia Medica.*

Fees for the Course, £2 2s.

General and Special.

Text-book recommended :

*Materia Medica and Therapeutics* : Mitchell Bruce.

*Pathology.*

Fee, £2 2s.

The course includes—

Attendance in the Dead House and *post mortem* examinations.*A. Lectures on general Pathology—*

1. Retrograde tissue changes :  
Atrophy, Degeneration, and Necrosis.
2. General tissue reactions :  
Inflammation, Repair, and Hypertrophy.  
Morbid Tumours and New Growths.
4. General Circulatory Derangements, arterial and venous Hyper-  
aemia, Dropsy, Haemorrhage, Embolism, and Thrombosis.
5. Animal Parasites in man.

*B. Naked eye and microscopical demonstrations in the above changes.*

Text-book recommended :

Coat's Pathology, revised by Sutherland ;

*Or,*

Green's Morbid Anatomy, ed. by Stanley Boyd.

*Post Mortem Examinations.*

## FOURTH YEAR'S COURSE.

*Principles and Practice of Medicine.*

Fees for the Course, £6 6s.

General and Special Diseases.

*Principles and Practice of Surgery.*

Fees for the Course, £5 5s.

General and Special Diseases and Injuries.

Text-books recommended, the same as for the Third Year.

*Lectures on Clinical Medicine.—Clerkship.*

Fees for the Course, £2 2s.

*Lectures on Clinical Surgery.—Dressership.*

Fees for the Course, £2 2s.

*Obstetrics.*

Fees for the Course, £3 3s.

Anatomy and Physiology of the Female Organs of Generation.  
 Physiology and Pathology of Pregnancy.  
 Natural and Difficult Labour.  
 Pathology and Management of the Puerperal State.

Text-books recommended :

A Manual of Midwifery : Galabin, or  
 Science and Practice of Midwifery : Playfair.

*Forensic Medicine and Insanity*

Fees for the Course, £4 4s.

Medical Evidence in general, and as bearing upon cases that may form the subject of a criminal trial, civil action, or coroner's inquest.

Text-books recommended:

Forensic Medicine (last edition) : Guy & Ferrier, or  
 Forensic Medicine : Dixon Mann

The Physiology of Mind and its relations to Mental Disease.

Insanity, its diagnosis, varieties, causes, treatment, pathology, and the procedure for placing persons of unsound mind under care and treatment.

Text-book recommended :

Clinical Lectures on Mental diseases : Clouston, or  
 A Text Book of Insanity : Mercier.

*Pathology.*

Fees for the Course, £2 2s.

The course includes—

Attendance in the Dead House and *post mortem* examinations.

A. Lectures on Special Pathology, including the more important morbid conditions that may affect the principal organs and tissues.

B. Practical training in Elementary Histological Pathology.

Text-book recommended :

Coat's Pathology, revised by Sutherland ;  
 Or,  
 Green's Morbid Anatomy, ed. by Stanley Boyd.

*Post Mortem Examinations.**Medical and Surgical Practice.*

The Medical and Surgical Practice of the Adelaide Hospital during the academic year

*Practical Midwifery.*

(Twenty cases if possible.)

## FIFTH YEAR'S COURSE.

*Therapeutics.*

Fees for the Course, £4 4s.

General and special.

Text-book recommended :

Mitchell Bruce : *Materia Medica and Therapeutics.*Sir Lauder Brunton : *Action of Medicine.**Lectures on Clinical Medicine—Clerkship.*

Fees for the Course, £2 2s.

*Lectures on Clinical Surgery.*

Fees for the Course, £2 2s.

*Gynæcology.*

Fees for the Course, £3 3s.

Diseases of the Female Organs of Generation.

Text-books recommended :

The Student's Guide to the Diseases of Women : Galabin, or

A Manual of Gynæcology ; Hart and Barbour.

*Operative Surgery.*

Fees for the Course, £4 4s.

Operations on the dead body.

Text-book recommended :

Students' Manual of Operative Surgery : Treves.

*Ophthalmology.*

Fees for the Course, £3 3s.

Injuries of the Eye and its appendages.

Diseases of the Eyelids, Conjunctiva, and Lachrymal apparatus.

Diseases of the Eyeball including Glaucoma, Amblyopia, and functional Disorders of Vision.

Refraction.

Affections of the Ocular Muscles.

Colour Vision and its defects.

Text-book recommended :

Ophthalmic Surgery and Medicine : Walter H. Jessop, 2nd edition.

*Otology.*

Fees for the Course, £2 2s.

Anatomy and Physiology of the Ear shortly considered.

Injuries and diseases of the auricle.

Diseases of External Auditory Canal, including foreign bodies in the Ear.

Diseases of the Membrana Tympani and Tympanum and their consequences

Diseases of Naso-Pharynx and Eustachian Tube.

Diseases of the Inner Ear.

Text-book recommended :

Diseases of the Ear and Naso--Pharynx : T. M. Hovell.

The following work may also be consulted :

Text-book of Diseases of the Ear : Politzer.

*Insanity.*

Attend the Practice of the Hospitals for the Insane during three months.

*Diseases of Children.*

Fees for the Course, £2 2s.

Medical Diseases of Infancy and Childhood : Dawson Williams.

Surgical Diseases of Children : Edmund Owen.

*Medical and Surgical Practice*

Of the Adelaide Hospital during the Academic Year.

*Practical Midwifery.*

(If not completed in fourth year).

The Medical and Surgical Practice of the Adelaide Hospital during the academic year.

*Elements of Hygiene.*

*Habitations.*—Drainage of houses, removal of excreta. *Food.*—General principles of diet ; quality, choice, quantity, and adulteration of food.

*Water.*—Quantity and supply. Examination of for hygienic purposes, contaminations, purification of. *Air.*—Examination of—impurities of—Ventilation. *Soil.*—Examination of—conditions affecting health.

Causes and prevention of specific diseases, disinfection and deodorization, vital statistics, climate, micro organisms.

The Health, Quarantine, and Vaccination Acts and Regulations in force in South Australia.

A part of the Examination will be Practical.

Text-books recommended :

Hygiene and Public Health : Louis C. Parkes.

The following works may also be consulted :—

Practical Hygiene : Parkes

Hygiene and Public Health : Buck.

Vital Statistics : Newsholmes.

*Vaccination.*

Fee for the Course, £1 1s.

## RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE HOSPITAL.

The following rules for the admission of students to the practice of the Adelaide Hospital are published in the Calendar for convenience of reference :—

- I. Each medical student of the University of Adelaide shall be admitted as a pupil to the practice of the Hospital under the control of the Medical Superintendent.
- II. No student shall publish the report of any case without the written permission of the Physician or the Surgeon under whose care the patient has been.
- III. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
- IV. Each pupil entering for dispensary practice shall be under the immediate control of the Dispenser, and, in his absence, of the Assistant Dispenser, who shall be answerable to the Board for his good conduct.
- V. Every pupil shall conduct himself with propriety, and discharge the duties assigned to him, and pay for or replace any article injured or lost or destroyed by him, and make good any loss sustained by his negligence.
- VI. If any pupil infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made, and all rights accruing therefrom.
- VII. The members of the Honorary Staff will give clinical instruction on the following terms, viz. :—
  - For the medical practice of the Hospital, for each pupil, £5 5s. per annum.
  - For the surgical practice of the Hospital, for each pupil, £5 5s. per annum.
  - And for both medical and surgical practice, and practice in special subjects (as in the fifth year), £10 10s. per annum.

These fees to include the appointment of Clinical Clerk and Dresser.



For each six months' instruction in the *post-mortem* room, £2 2s.

For three months' instruction by the Dispenser in Practical Pharmacy, £2 2s.

Each student commencing attendance on the clinical practice of the Hospital shall be required to pay an entrance fee of £5 5s., and, in addition, a fee of £1 1s. for each three months' practice in the Bacteriological Department. All fees to be paid to the Accountant of the Hospital.

VIII. No student shall visit any patient who has undergone a major operation, or any case of acute illness, without permission of the Resident Physician or Surgeon.

IX. No student shall attend the practice of the surgical wards during the period that he is performing *post-mortem* examinations.

#### CLERKS AND DRESSERS.

Each clerk and dresser shall—

- I. Be appointed every three months, and may apply for appointment under any honorary officer, provided that the list is not full. May apply in advance after passing the third and second year examination respectively. Shall be allotted by the Medical Superintendent, who will be guided by the examination result list.
- II. Attend at 9 a.m. and sign his name in a book provided for that purpose. The book will be removed at 9.15 a.m. for inspection by the Medical Superintendent. Any failure to attend must be followed by a written explanation to the Medical Superintendent. Shall at 9 o'clock attend the wards, and shall accompany the Honorary Officer during his visits, and on other days his Resident Medical Officer, when making his round of the wards in the morning. Shall assist and be under the immediate supervision of the Resident Medical Officers; and shall leave the wards at 12.30, and may return at 1.30 p.m.
- III. Take the new cases allotted to him in turn (new cases are to be recorded within twenty-four hours of admission), and shall read his notes to the Honorary Officer.
- IV. Attend when possible the *post-mortem* examinations, and shall read to the Pathologist a clinical *resume* of each case allotted to him in the wards, and shall transcribe, at the dictation of the Pathologist, an account of *post-mortem* conditions. An

attendance-book will be kept at the mortuary, in which each student present shall sign his name. This book will be countersigned by the Pathologist.

- V. Make a written note at least twice a week of each case allotted to him. These notes are inspected by the Medical Superintendent, who will call attention to any defect.
- VI. Receive at the end of his term a certificate from the Medical Superintendent when he has fulfilled these conditions, and stating that fact. If the work is unsatisfactory the Medical Superintendent shall report to the Dean of the Faculty and may refuse a certificate. The certificate shall be signed by the Honorary Officer to whom the student has been attached, and countersigned by the Chairman of the Board.
- VII. Attend the out-patient practice of the junior colleague of the Honorary Officer to whom he is attached. Shall, before the arrival of the Honorary Officer, write on a card a short history of any new case, and shall examine the patient with the Honorary Officer.
- VIII. During the month of February each student of the third and fourth year shall attend respectively a course of elementary surgical and medical training. These courses will consist of two lectures a week, delivered by the Medical Tutor and the Surgical Tutor.

#### CLINICAL CLERKS.

Each Clinical Clerk shall—

- I. Make any *post-mortem* examination under the direction of the Pathologist. A record of examinations made by him will be kept in the attendance-book in the Mortuary.
- II. Examine in the Bacteriological Laboratory of the Hospital the sputum for tubercle bacillus, and shall examine any pathological fluid or specimen from his cases. Tests of the urine are to be made at least once a week. He shall record the results of such examinations in his notes.

#### SURGICAL DRESSERS (INCLUDING THOSE IN SPECIAL DEPARTMENTS).

Each Surgical Dresser shall—

- I. Assist the Surgeon and House Surgeons in operations of the cases allotted to him; and shall also have and prepare, if required, the site of operation.

- II. Dress cases, or assist in dressing, as required by the Honorary Officer, or by his Resident Medical Officer. Tests of the urine are to be made weekly, and always on the morning of an operation.

RECEIVING-ROOM.

- I. A Clerk and a Dresser shall be appointed each day to take duty in the Receiving-room. They shall there dress wounds and otherwise assist the Resident Medical Officers.

OBSTETRIC DEPARTMENT.

- I. Each student attending cases for the Midwifery Department of the Hospital shall post in the Consulting-room his telephone address by day and by night.
  - II. He shall, on receiving a summons from the Hospital, promptly obtain from the Consulting-room the address of the patient and the midwifery-bag.
  - III. At the conclusion of the case the midwifery bag is to be returned, and the midwifery return book written up and signed.
  - IV. In any case of difficulty or danger he shall summon the Resident Medical Officer. No instrumental interference is to be undertaken by students.
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## RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL.

Medical students are admitted as pupils to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time :—

- I. Students may attend the practice of the Adelaide Children's Hospital, between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.
- II. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.
- III. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.
- IV. The fees to be paid are as follow :—

For three months' course	...	£1 1 0
For perpetual attendance	...	2 2 0

(The fees are to be paid to the Secretary of the Hospital.)

N.B.—Until otherwise ordered the Board of Management allows all such fees to be devoted to the purchase of appliances and books for the teaching of the students.

- V. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management

## RULES OF THE BIOLOGICAL LABORATORY.

- I. The Laboratory is open every week day throughout the session from 9 a.m. to 5 p.m.; on Saturdays from 9 to 12.
- II. Each student has a definite seat assigned to him in the Laboratory, which he is not allowed to change without permission.
- III. Each student has the free use of a locker or drawer, of which a key may be obtained from the assistant on payment of a deposit of half-a-crown. This will be refunded when the key is returned.
- IV. All necessary re-agents and materials are provided by the Laboratory, but each student is required to furnish himself with the following apparatus:—

1 pocket lens.	2 Forceps (broad and fine pointed).
3 dozen slides, 3 in. x 1 in.	2 scissors (large and small).
$\frac{1}{2}$ -oz. cover-glasses, $\frac{3}{4}$ in. squares No. 2.	3 needles (in handles).
1 box for mounted slides.	1 seeker.
1 case of biological instruments, containing—	1 section lifter.
3 scalpels (large and small).	2 razors.

Each student will also provide himself with—

2 dusters.	Notebook, lead and coloured pencils.
1 small chamois leather.	No ink allowed.
1 soft silk handkerchief.	

- V. Paper and all scraps or refuse of any kind *must not be thrown into the sinks*, but into the vessels provided for the purpose.

## OF THE DEGREE OF DOCTOR OF MEDICINE.

## REGULATIONS.

- I. To obtain the Degree of Doctor of Medicine candidates must have been admitted to the Degree of Bachelor of Medicine in the University of Adelaide after examination, or *ad eundem gradum*, and must pass an examination, as hereinafter prescribed.
- II. No candidate shall be eligible for examination until the third year after his admission to the Degree of Bachelor of Medicine, except by permission of the Council, on the recommendation of the Faculty of Medicine.
- III. The examination for the Degree will be in such one of the following groups of subjects, as the candidate may select:—
  - (a) General Medicine, including that of the Nervous System, Medical Ophthalmology, Therapeutics, and the History of Medicine.
  - (b) Diseases of the Nervous System, Mental Physiology and Pathology, and the History of those subjects.
  - (c) Pathology, including Pathological Anatomy, Bacteriology, and the History of those subjects.
  - (d) Obstetrics, Gynæcology, the Diseases of Infancy and of Childhood, and the History of those subjects.
  - (e) State Medicine in all its branches, and the History of that subject.
- IV. The examination will be held when required, in the third term of each academical year, and may be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients.
- V. A candidate may submit, with the notice of his intention to enter for the examination, an original thesis of his own composition on some branch of medical study or of the allied sciences, and embodying the result of independent research. The thesis may take the form of an essay written specially for the Degree, or of an already published work, or of an essay or series of essays read before any of the recognized Medical Societies of Australasia or of Great Britain, and the candidate must indicate wherein he considers that his thesis

advances medical knowledge or practice. If the thesis be adjudged by the Faculty of Medicine to be of sufficient excellence, the candidate may be exempted by the Faculty from a part or the whole of the examination for the Degree.

VI. A printed copy of any thesis approved of by the Faculty of Medicine shall, if required by the Faculty, be deposited by the candidate in the Library of the University before he is admitted to the Degree.

VII. Schedules may be drawn up from time to time by the Faculty of Medicine, subject to the approval of the Council :—

(a) Prescribing further details of the subjects mentioned in Regulation III.

(b) Prescribing general rules for the admission of candidates to the examination during the first or second years after they have been admitted to the Degree of Bachelor of Medicine, but without restricting the power of the Council to grant permission in special cases on the recommendation of the Faculty.

Any such Schedules shall be published in the University Calendar as soon as possible after they are approved by the Council.

VIII. The names of successful candidates shall be arranged in alphabetical order in one class.

IX. The following fees shall be paid in advance :—

On entry for examination	...	...	£15	15	0
For the Degree of Doctor of Medicine			10	10	0

X. Each candidate must forward to the Registrar, before the 1st of July in the year in which he wishes to be examined for the Degree, a notice in the subjoined form, or as near thereto as circumstances will permit :—

I, \_\_\_\_\_ a Bachelor of Medicine of the University of Adelaide, having been admitted to that Degree on the \_\_\_\_\_ day of \_\_\_\_\_, in the year \_\_\_\_\_, intend to become a Candidate for the Degree of Doctor of Medicine.

I desire to present myself for Examination in the third term of the current academical year in the following group of subjects :—

I submit herewith a Thesis on.....  
(if a thesis be presented)

And I forward the prescribed fee of £15 15s.

DATED the \_\_\_\_\_ day \_\_\_\_\_, 1904

Signature of Candidate.....

Postal Address.....

To the Registrar,  
University of Adelaide.

*Allowed 7th December, 1904.*

### SCHEDULE A.

Schedule of subjects, or group of, which may be selected for Examination :—

1. General Medicine, including that of the Nervous System, Medical Ophthalmology, Therapeutics, and the History of Medicine.
2. Diseases of the Nervous System, Mental Physiology and Pathology, and the History of these subjects.
3. Pathology, including Pathological Anatomy, Bacteriology, and the History of these subjects.
4. Obstetrics and the Diseases of Infancy and of Childhood, Gynæcology, and the History of these subjects.
5. State Medicine, including Medical Jurisprudence, Hygiene, and the history of those subjects.

### SCHEDULE B.

Circumstances under which the period of four years may be shortened :—

1. If the Candidate has passed the M.B. Examinations in the First Class, or
2. If the Candidate has held residential or visiting office, whether honorary or paid, in any Public Hospital or Institution approved by the Faculty of Medicine and the Council, or
3. If the Candidate has been assisting in the teaching of the University. The Faculty to recommend to the Council the degree of exemption in each individual case.



**Rules with regard to the substitution of a Thesis  
for the Ordinary Examination :—**

1. The Thesis may deal with any branch of Medical study or of the allied Sciences.
2. The Thesis may take the form of an essay written specially with a view to this Examination, or of an already published work, or of a series of papers, or even a single paper read before any of the recognized Medical Societies of Australasia or Great Britain.

NOTE.—The Thesis or notice of intention to enter for examination must reach the Registrar not later than 1st July.

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## OF THE DEGREE OF MASTER OF SURGERY.

## REGULATIONS.

I.—The Examination for the Degree of Master of Surgery shall be held once in each year, during the month of November.

II.—No Candidate shall be admitted to the Examination unless he shall have produced Certificates to the following effect :—

1. Of having been admitted to the Degrees of Bachelor of Medicine and Bachelor of Surgery in this University, or of having been admitted to the Degree of Bachelor of Medicine *ad eundem gradum*.
2. Of having, subsequently to admission to the Degree of Bachelor of Medicine in this University, or in any other University whose degrees are recognised by the University of Adelaide,

\*(a) Attended to Clinical or Practical Surgery, during two years, in a hospital or medical institution recognised by this University;

\*(b) Or, attended to Clinical or Practical Surgery, during one year, in a hospital or medical institution recognised by this University, and of having been engaged during three years in the practice of his profession;

(c) Or, of having been engaged, during five years in the practice of his profession.

Candidates who shall have passed in the First Class at the Examination for the Degree of Bachelor of Medicine and Bachelor of Surgery shall be exempted from one year's attendance on Clinical or Practical Surgery in a recognised institution, or from two years' practice of their profession. At least one-half of the time specified for Clinical or Practical Surgery must be devoted to Surgery as distinguished from Medicine.

III.—These Certificates must be forwarded to the Registrar at least one month before the commencement of the Examination.

\* NOTE.—The following are the Hospitals at present recognised in South Australia :—

The Adelaide Hospital.  
The Adelaide Children's Hospital.  
The Perth Hospital.

Attendance at the Adelaide Children's Hospital will only be recognised for three months excepting where the candidate has held the post of Resident Medical Officer for not less than a year, when it will be recognised for the whole of the time.

IV.—The Examination shall be conducted by means of printed papers, *visà voce* interrogation, practical demonstrations, and reports of cases in a hospital.

V.—Candidates shall be required to satisfy the Examiners in the following subjects :—

*Surgery, all branches, including Surgical Anatomy, Surgical Pathology, and Operative Surgery.*

Candidates will also be required—

- (1) *To write commentaries on surgical cases,*
- (2) *To write a short extempore essay on some surgical topic.*
- (3) *To examine and report on cases of surgical patients in the wards of a hospital.*

VI.—The names of the successful candidates shall be arranged in order of merit, and in one Class.

*Allowed 18th December, 1889.*

\*VII. A notice in the subjoined form shall be sent by each candidate to the Registrar, not less than one month before the date of the Examination :—

I, \_\_\_\_\_ a Bachelor of Medicine of the University of Adelaide, having obtained that Degree on the day of \_\_\_\_\_, in the year 18 \_\_\_\_\_, intend to present myself at the next Examination for the Degree of Master of Surgery.

I send herewith the prescribed fee of £15 15s.

Signature of Candidate.....

Postal Address.....

To the Registrar,  
University of Adelaide.

\*VIII. The undermentioned fees shall be paid in advance :—

Examination fee ... ..	£15 15 0
Fee for the Degree of Master of Surgery ..	10 10 0

*\*Allowed 12th December, 1874.*

## OF THE DEGREE OF BACHELOR OF MUSIC.

## REGULATIONS.

- I. Students who have passed the Senior Public Examination in Theory of Music or who satisfy the Professor and Lecturers of the School of Music that they have sufficient knowledge to enable them to enter upon the First Year's Course, may be enrolled as Matriculated Students in Music; but all Students in Music, before they can take the Degree of Bachelor of Music, must either
- (a) have passed the Senior Public Examination, or
  - (b) have passed in the following subjects of the Senior Public Examination :—
    1. English Literature,
    2. History.
    3. One language other than English,
    4. One other subject not being a language,or (c) produce evidence of having passed such Examinations in this or any other University as may in the opinion of the Council be equivalent.
- II. To obtain the Degree of Bachelor of Music each candidate must complete three academical years of study, and pass the Examination proper to each year; and must also compose an Exercise, to be approved by the Examiners.
- III. To complete an academical year of study a Candidate must attend the courses of Lectures delivered on each of the subjects specified for the Examination in that year, but the separate courses of Lectures need not all be attended in one and the same year, nor need the Examination be passed in the same academical year in which the Lectures have been attended.
- IV. No Student shall in any term be credited with attendance at the University Lectures and the completion of any academic term of study in any subject, unless he shall have attended during that term three-fourths of the Lectures given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.
- V. At the first examination for the Degree of Bachelor of Music every Candidate shall be required to satisfy the Examiners in each of the following subjects—

*Acoustics and Musical Theory.*

*Ear Tests.*

*Harmony and Counterpoint.*

*History of Music.*

*Pianoforte Playing or Organ Playing.*

- VI. At the Second Examination for the Degree of Bachelor of Music every candidate shall be required to satisfy the Examiners in each of the following subjects:—

*Harmony and Counterpoint.*

*Double Counterpoint, Canon, and Fugue.*

*History and Literature of Music.*

*Form and Analysis, and*

*One of the following practical subjects:—*

(a) *Singing.*

(b) *Pianoforte,*

(c) *Organ,*

(d) *Violin,*

(e) *Violoncello*

- VII. At the Third Examination for the Degree of Bachelor of Music every Candidate shall be required to satisfy the Examiners in each of the following subjects—

*Harmony and Counterpoint.*

*Double Counterpoint, Canon, and Fugue.*

*Form and Instrumentation.*

*History and Literature of Music.*

- VIII. The Examinations in all the above subjects will be conducted partly by printed questions and partly *viva voce*.

- IX. After passing the Third Examination, and before receiving his Degree, each candidate must send to the Registrar a Musical Exercise composed by himself for the occasion, of such length as to occupy not less than twenty minutes in performance, and fulfilling the following conditions—

(a.) It must be a Vocal Composition to any words the writer may select.

(b.) It must contain real five-part vocal Counterpoint, with specimens of imitation, Canon and Fugue.

(c.) It must have accompaniments for a quintett String band, with or without an Organ part.

The Candidate will be required to make a written declaration that the Exercise is entirely his own unaided Composition. Such Exercise must reach the Registrar before the 30th of June in the year in which the candidate proposes to take his degree. No Exercise which has been rejected shall be used either in whole or part for the Exercise on any subsequent occasion, except by special consent of the Examiners in Music. After the Exercise has been approved by the Examiners the candidate must deposit a fair and complete copy of such Exercise in the University Library.

- X. Schedules defining, as far as may be necessary, the scope of the Examinations in the above-mentioned subjects shall be drawn up by the Board of Musical Studies, subject to the approval of the Council, and shall be published not later than the month of January in each year.
- XI. The names of the successful Candidates at each Examination shall be arranged in three classes in alphabetical order in each.
- XII. Any student who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of any Ordinary Examination, may apply to the Council for permission to present himself at a Supplementary Examination in the following March.
- XIII. Any student who has presented himself at an Ordinary Examination, but has failed to pass, may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for re-examination at the Supplementary Examination. Such recommendation shall be made by the Board of Examiners when settling the results of the Ordinary Examinations.
- \*XIII A. The student shall not be required to be re-examined at any Supplementary Examination in any subject in which he has passed at the Ordinary Examination in the previous year, and on passing the Supplementary Examination in the subjects in which he has failed to present himself or to pass at the Ordinary Examination, he shall be deemed to have completed an academic year of his course, but no classification will be allowed.

*\* Allowed 21st December, 1905.*

XIV. The following fees shall be payable in advance:—

Lecture fees. For each Term	...	...	...	£3	3	0
Examination fees—						
For each Ordinary examination	...	...	...	3	3	0
For each Supplementary examination	...	...	...	1	11	6

Students exempted from attendance at all lectures shall pay, in addition to the Ordinary examination fee, half the lecture fees during such period of exemption.

Fee payable by each student to accompany his Exercise under Section IX. ... ..	£5	5	0
Fee on taking the Degree of Bachelor of Music ...	3	3	0

XV. Candidates who have passed in the Advanced Course of Public Examinations in Music (now abolished) shall, upon attending the lectures and passing examinations in the History of Music and Acoustics, be credited with having completed the First year of the course for the Degree. Such candidates shall pay one fee of £3 3s. for the lectures and examination in those two subjects.

XVI. Candidates who have passed in Pianoforte or Organ playing in the examination for the Diploma of Associate in Music, or the Senior Public Examination in Practice of Music shall be exempted from further examination in those subjects for the First year of the course for the Degree.

XVII. Candidates who have passed in any one of the following practical subjects in the examination for the Diploma of Associate in Music, the Advanced Course (now abolished) or the Senior Public Examination in Practice of Music, shall be exempted from further examination in such subject for the Second year of the course for the Degree :—

- (a) Singing
- (b) Pianoforte
- (c) Organ
- (d) Violin
- (e) Violoncello

*Allowed 3rd December, 1902.*

## SCHEDULE.

DETAILS OF SUBJECTS FOR THE ORDINARY EXAMINATION IN  
NOVEMBER, 1906.

## FIRST YEAR'S COURSE.

## HARMONY.

All details of usual notation—Ear tests—All harmonic combinations usual in part writing of not more than four parts.

The addition of not more than three parts to a figured bass. The harmonization of melodies in not more than four parts, i.e. by the addition of not more than three other parts.

## COUNTERPOINT.

Simple counterpoint. All species in not more than four parts.

Text books recommended—

A Course of Harmony (Bridge and Sawyer).

Counterpoint (Macfarren).

## ACOUSTICS AND MUSICAL THEORY.

Sensation and external cause of Sound. Mode of its transmission. Nature of wave-motion in general. Application of the wave-theory to Sound. Elements of a musical sound. Loudness and extent of vibration. Pitch and rapidity of vibration. Measures of absolute and of relative pitch. Resonance. Analysis of compound sounds. Helmholtz's theory of musical quality. Motion of sounding strings. The pianoforte and other stringed instruments. Motion of sounding air-columnus. Flute and reed stops of the organ. Orchestral wind instruments. The human voice. Interference. Beats. Helmholtz's theory of consonance and dissonance. Combination-tones. Consonant chords. Construction of the musical scale. Exact and tempered intonation, Equal temperament.

Text-book recommended—

Tyndall's "Sound."

## HISTORY OF MUSIC.

A general knowledge of the character of the various forms of Music composed between the years 1600 and 1850.

Text-books recommended—

Parry's "Summary of Musical History" (Novello).

Parry's "The Evolution of the Art of Music."

## PIANOFORTE PLAYING.

List of pieces to be played by first year students.

- (a) Scales. Any major, minor or chromatic scale with each hand separately and both hands together an octave apart.
- (b) Arpeggios. The arpeggios of all major and minor common chords and their inversions, with each hand separately and both hands an octave apart.



- (c) Studies. Bach's two-part inventions Nos. 8 and 12.
- (d) Pieces. Mozart. Sonata in F major (No. 5, Peters).
- (e) Reading at sight.

To qualify in Ear Tests :

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Piano-forte, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

#### ORGAN PLAYING.

List of pieces to be played by first year students.

- (a) Scales. Any major, minor or chromatic scale with hands alone or with feet alone and with hands and feet together.
- (b) Arpeggios. The Arpeggios of all major and minor common chords in all positions with hands alone or feet alone and with hands and feet together.
- (c) Stainer's Organ Primer (Novello) Nos. 88 and 93.
- (d) J. S. Bach. Prelude and Fugue in F major No. 4 of "Acht Kleine Praeludien und Fugen."
- (e) Playing at sight.

To qualify in Ear Tests :

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Organ, and in each case the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

#### SECOND YEAR'S COURSE.

##### HARMONY.

Part writing in not more than five parts:—

Harmonization of basses (figured and unfigured) and of melodies.

##### COUNTERPOINT.

Simple and Combined. All species in not more than four parts.

DOUBLE COUNTERPOINT at the Octave, Tenth and Twelfth.

CANON, in two parts.

FUGUE, in not more than four parts.

Note.—In the examination candidates may be required to write original Composition of an elementary character.

## HISTORY AND LITERATURE OF MUSIC, FORM AND ANALYSIS.

History of the Scale, of Counterpoint, Harmony, and of form in Composition.

Text-books recommended—

- Prout's "Harmony"
- Prout's "Counterpoint, Strict and Free"
- Prout's "Double Counterpoint and Canon"
- Higgs' "Fugue."

Works of reference recommended—

"Six Lectures on Harmony," Macfarren: Ellis's translation of Helmholtz's "Die Lehre von den Tonempfindungen"; Prout's "Musical Form"; Parry's Articles:—"Harmony" and "Form" in Grove's Dictionary of Music.

## SINGING.

Candidates will be required to—

- (a) Sing any major, minor or chromatic scale.
- (b) Sing Arpeggios of common chords and of Dominant Sevenths.
- (c) Sing two studies selected from a list obtainable from the Registrar.
- (d) Sing two pieces selected from lists obtainable from the Registrar.
- (e) Sing at sight.

## PIANOFORTE PLAYING.

- (a) Play any major, minor or chromatic scale with each hand separately and both hands together, a third, sixth octave or a tenth apart.
- (b) Play Arpeggios of common chords and Dominant Sevenths with their inversions with each hand separately and both hands together an octave apart.
- (c) Play two studies selected from a list obtainable from the Registrar.
- (d) Play two pieces selected from lists obtainable from the Registrar.
- (e) Play at sight.

## ORGAN PLAYING.

- (a) Play any major, minor or chromatic scale.
- (b) Play Arpeggios of common chords and of Dominant Sevenths.  
The scales and arpeggios to be played with the hands and feet separately or together.
- (c) Play two studies selected from a list obtainable from the Registrar.
- (d) Play two pieces selected from lists obtainable from the Registrar.
- (e) Play at sight.
- (f) Answer questions on the pitch and quality of organ stops: and on the combination of the various stops.

## VIOLIN PLAYING.

- (a) Play any major, minor or chromatic scale.
- (b) Play Arpeggios of common chords and of Dominant Sevenths.
- (c) Play two studies selected from a list obtainable from the Registrar.
- (d) Play two pieces selected from lists obtainable from the Registrar.
- (e) Play at sight.

## VIOLONCELLO PLAYING.

- (a) Play any major, minor or chromatic scale.
- (b) Play Arpeggios of common chords and of Dominant Sevenths.
- (c) Play two studies selected from a list obtainable from the Registrar.
- (d) Play two pieces selected from lists obtainable from the Registrar.
- (e) Play at sight.

**Studies and Pieces for 1906.**

## SINGING.

## SOPRANO.

*Studies*—Concone, 25 lessons, Op. 10, Nos. 13 and 17.

*Songs* — Mozart, "The Violet."  
Sullivan, "Orpheus with his Lute."

## CONTRALTO.

*Studies*—Concone, 40 lessons for deep voices, Op. 17, Nos. 27 and 33.

*Songs* — Bennett, W. S., "O Lord, Thou hast searched me out."  
(Woman of Samaria).  
Schubert, "The Young Nun."

## TENOR.

*Studies*—Concone, 25 lessons, Op. 10, Nos. 13 and 17.

*Songs* — Mendelssohn, Recit., "Ye People."  
Air, "If with all your hearts."  
Tours, "Stars of the Summer Night."

## BASS.

*Studies*—Concone, 40 lessons for deep voices, Nos. 27 and 33.

*Songs* — Haydn, "Now Heaven in Fullest Glory."  
White, M. V., "The Devout Lover."

## PIANOFORTE PLAYING.

*Studies*—Cramer. Any three studies from any one book.

*Pieces* — Beethoven, Sonata in F minor (No. 1), first and second movements.  
Mozart, Fantasia and Sonata in C minor.

## ORGAN PLAYING.

*Studies*—Bach, Prelude and Fugue C minor, No. 5, Book 4 (Peters).

*Pieces* — Mendelssohn, Sonata in C minor.

## VIOLIN PLAYING.

*Studies*—Kreutzer, Nos. 3 and 17.

*Pieces* — Beethoven, Romance in F.  
Rode, Air, Varie in G.

## VIOLONCELLO PLAYING.

*Studies*—Dotzauer, Op. 120, Nos. 13 and 16.

*Pieces* — Goltermann, Concertstück, Op. 65; or  
Rombert, Concertino, Op. 51.

## THIRD YEAR'S COURSE.

PRACTICAL HARMONY AND COUNTERPOINT, each in not more than five parts.

DOUBLE COUNTERPOINT.

CANON, in not more than three parts.

FUGUE, in not more than five parts.

MUSICAL HISTORY AND FORM.

The various forms employed in musical composition and the History of their development.

INSTRUMENTATION.

A knowledge of the compass, capabilities and characteristics of the various instruments employed in a modern orchestra, singly and in combination with one another.

Note.—Candidates may be required to write original Composition in the examination in working papers in the above-named subjects.

MUSICAL LITERATURE.

Candidates may be required to illustrate their answers in the foregoing subjects by reference to the standard classical compositions and to show a critical knowledge of the full scores of the following classical works :—

Requiem Mass (Mozart).

Symphony in C minor (Beethoven).

Books of reference recommended—

Prout's "Fugue."

Prout's "Applied Forms."

Prout's "The Orchestra "

Berlioz's "Instrumentation."

The articles "Sonata," "Suite," "Working Out," "Variations," "Symphony," "Oratorio," and "Opera" in Grove's Dictionary of Music.

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## OF THE DEGREE OF DOCTOR OF MUSIC.

### REGULATIONS.

- I. Candidates for the Degree of Doctor of Music may present themselves for examination after the lapse of two years from the time of their obtaining the Degree of Bachelor of Music at this University or at some other University whose Degrees are recognized by the University of Adelaide.
- II. Every candidate shall be required to send to the Registrar of the University, on or before the 2nd of April, an Exercise composed for the occasion. The Exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions :—
  - (a.) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
  - (b.) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
  - (c.) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony, or Sonata.
  - (d.) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.
- III. No Exercise which has been rejected shall be used in whole or part for the Exercise on any subsequent occasion, except by special consent of the Council. After it has been approved by the Examiners and before taking his Degree the Candidate must deposit a complete copy of such Exercise in the University Library.
- IV. Candidates whose Exercises have been approved shall be required to pass a Final Examination in :—
  1. Harmony, up to eight parts.
  2. Counterpoint, up to eight parts.
  3. { Double Counterpoint, } up to five parts.  
    { Canon, and Fugue, }
  4. Instrumentation.
  5. History of Music.
  6. Musical Analysis.

- V. The above examination shall be held in the month of August.
- VI. The names of the successful candidates at each examination shall be arranged in alphabetical order.
- VII. The following Fees shall be payable in advance :—

Fee payable on presenting the Exercise	...	£6	6	0
“ “ “ attending the Final Examination	... ..	£5	5	0
“ “ “ taking the Degree of Doctor of Music	... ..	£10	10	0

*Allowed 25th January, 1899.*

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## ADVANCED COMMERCIAL CERTIFICATE.

## REGULATIONS.

- I. To obtain the Certificate, candidates must attend lectures and pass examinations in the undermentioned subjects, but the subjects need not be all passed at the same time, and they may be passed in any order:—
1. Business Practice.
  2. Accountancy.
  3. Commercial Law.
  4. Economics and Commercial History.
  5. Banking and Exchange.
  6. Commercial Geography and Technology.
- \*II. The examinations shall be held in November, but if in any subject the Course of Lectures shall be concluded at the end of the first or second Term, the examination in such subject may be held at the conclusion of the Course, on a date to be fixed by the Board of Commercial Studies. Candidates must enter at least one month before the date fixed for the examination, and must present certificates showing that they have attended the prescribed lectures, and have done written or other work (if required) to the satisfaction of the Professors and Lecturers.
- \* Allowed 7th December, 1904.*
- III. Candidates may be excused attendance at lectures on any subjects in which they desire to be examined, but only upon special grounds approved by the Council.
- IV. The following fees shall be paid in such instalments as the Council shall from time to time determine, each instalment being payable in advance:—

## LECTURE FEES.

1. Business Practice ... ..	£1 11 6
2. Accountancy ... ..	4 4 0
3. Commercial Law ... ..	2 2 0
4. Economics and Commercial History	1 11 6
5. Banking and Exchange ... ..	1 1 0
6. Geography and Technology ... ..	1 11 6
	12 1 6

## EXAMINATION FEES.

Fee for each subject, 5s.	
Total Amount of Examination Fees ... ..	1 10 0
Fee for Certificate ... ..	1 1 0
	2 11 0
Total ... ..	£14 12 6

- V. Schedules defining, as far as may be necessary, the range of study, lectures, and other work and examinations, shall be drawn up by the Council, and published not later than January in each year.
- VI. Students who have passed examinations *in pari materia*, and desire that the examinations they have passed should be counted *pro tanto* for the Certificate, shall, on application to the Council, be granted such exemption from the requirements of these regulations as the Council may determine.
- VII. A Candidate who has passed the University Examination in any subject of the courses prescribed for the B.A., B.Sc., and LL.B. Degrees, may have the fact recorded on his Certificate.
- VIII. Whenever the number of students desiring to attend lectures in any subject is smaller than a minimum fixed by the Council, the lectures upon that subject may be omitted altogether or discontinued.

*Allowed 9th April, 1902.*

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## SCHEDULE.

### DETAILS OF SUBJECTS FOR 1906.

#### 1. BUSINESS PRACTICE.

This subject includes (a) Documents and Correspondence, (b) office organization, and (c) the procedure of Arbitration in commercial disputes.

The course, consisting of about 30 lectures, is given every year. Each lecture will last one hour and a half, and the course will be completed in three terms. The next course will begin with the first term of 1906.

Fee, 10s. 6d. per term.

#### 2. ACCOUNTANCY.

A knowledge of bookkeeping of at least the standard for the Junior Commercial Examination will be presupposed in these lectures. The standard for the examination in accountancy will be about that of the Institute of Accountants of South Australia, Incorporated. A voluntary examination will be held at the end of the first year, but the final examination on the whole subject will be held at the end of the second year.

This course consists of about 60 lectures and is given every two years, beginning with the first term. Each lecture will last two hours, and the course is completed in six terms.

The new course will begin with the first term of 1906.

Fee, 14s. per term.



Persons who desire instruction on special subjects included in these Courses, e.g., "Shipping and Marine Insurance," "Company Accounts," may attend a single lecture or series of lectures on payment of the following fees:—

Business Practice, single lecture, 1s. 6d. ; three lectures, 4s.

Accountancy, single lecture, 2s. ; three lectures, 5s.

NOTE.—A full syllabus of the subjects to be dealt with in the Business Practice and Accountancy Courses will be issued prior to the commencement of each term.

### 3. COMMERCIAL LAW.

Negotiable Instruments, Sale of Goods, Insurance, Carriage of Goods and Bills of Lading, Commercial Agency, Insolvency, Partnerships, Companies, Securities, Banking.

This course consisting of about 30 lectures, and is given every year, beginning with the first term. Each lecture will last one hour, and the course is completed in three terms.

The first lecture will be given about the March, at 8 p.m.

Fee, 14s per term.

### 4. ECONOMICS AND COMMERCIAL HISTORY.

This subject includes the Economics of Industry, the Economics of Commerce, and Commercial History.

The course consists of about 30 lectures and is given every second year. The next course of lectures will be given in 1907. The lectures will be given once a week, beginning with the first term. Each lecture will last one hour, and the course will be completed in three terms. Students should possess Marshall, *Economics of Industry*, and Price, *A short History of English Commerce and Industry*.

Fee, 10s. 6d. per term.

### 5. BANKING AND EXCHANGE.

This subject will include the principles and practice of Banking, the currencies of various countries, and means of exchange. Banking, its origin and development. Purposes served in present day Economics. Primitive Barter. Trade Exchange. International Exchange. Money. Circulating media, metallic and paper. Difficulties of the mediæval system. Bills of Exchange. Supply of gold in relation to prices. Bank Reserves. State Banks. The Bank of England. Private Banks. Joint Stock Banks. Scottish Banking. Distinctive characteristics of Australian Banking. Old world Banking failures. The Australian Banking Crisis of 1893.

The course consists of about 20 lectures, and will be given every second year. The next course will begin with the first term of 1906 and will be completed in two terms.

Fee, 10s. 6d. per term.

Students are recommended to read *Banking and Currency*, by Ernest Sykes, B.A. (Butterworth & Co., 1905).

## 6. COMMERCIAL GEOGRAPHY, including the elements of Technology.

This subject will include the treatment of the influence of geographical environment on industrial and commercial development, under the heads of environment, industry, commerce; the elements of technology; industry and commerce of certain countries in detail; and practical work in the plotting of statistics and the drawing of sketch maps.

The course consists of about 30 lectures, and will be given every second year. The next course will begin with the first term of 1906. The lectures will be given once a week. Each lecture will last one hour, and the course will be completed in three terms.

Fee, 10s. 6d. per term.

Text-book: Gonner, E. C. K., *Commercial Geography*, Macmillan, 3s., or Herbertson, A. J., *Commercial Geography of the British Isles*, and *Commercial Geography of the world outside the British Isles*, Chambers, 1s. and 1s. 6d.

MICROSCOPICAL TECHNIQUE.—Provision has been made for classes in this subject if required.

NOTE.—Courses of Lectures will be given in 1906 in Business Practice, Accountancy, Commercial Law, Banking and Exchange, and Commercial Geography.

The Lectures are open to all persons, whether desirous of taking the Commercial Certificate or not.

Examinations in all these subjects will be held each year for candidates who have attended Lectures in the current or any previous year.

Certificates for passing in single subjects will be issued if required.

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## EVENING CLASSES.

The University possesses a small endowment for the encouragement of students who are unable to attend lectures during the day. The Council has accordingly made the following arrangements:—

1. Full courses of Lectures and practical work in Arts and Science may be given in the evening or late in the afternoon when there is an adequate demand, and when the work is of a kind that can be adequately studied in the evening. A reference to the Annual Report in Part V. of the Calendar will show intending students what evening courses were given during the past session. Intending students should also consult with the Dean of the Faculty in which they propose to study.

The Education Department has established scholarships for the encouragement of such students (for details see Evening Scholarships, p. 229), and the Council admits students of the School of Mines, and students of the Pharmaceutical Society, at a reduced fee.

2. Special courses of lectures and practical work in Electric Engineering are given every year.

### EXTENSION LECTURES.

3. The Council has also instituted short courses of lectures—called Extension Lectures—in Arts and Science, at a nominal fee, Public intimation of these lectures is made from time to time during the session.

The following courses of Extension Lectures will be given at the University in 1906:—Three lectures on “Poets of the 19th Century—Wordsworth, Tennyson, and Browning,” by Professor Henderson; and three lectures on “Radio-activity,” by Professor Bragg.

**ELECTRIC ENGINEERING.****DETAILS FOR 1906.****PART I.****LECTURES—FIRST TERM.**

These lectures will be devoted to the general principles of Direct Current Work and their embodiment in designs of D.C. Electrical Machinery.

**SECOND TERM.**

A more detailed consideration of the characteristics and behaviour of Dynamos and Motors under different conditions of loading and coupling. The Supply and Distribution of Power dealing in detail with the Two and Three Wire Systems, Station Equipment, Balancing Devices, Batteries, Boosters, etc., Accumulators, Arc and Incandescent Lighting, Tramways, Motor Control, etc., Description of Modern Generators, Switchboards, and Power Stations.

**THIRD TERM.**

A.C. Work, Fundamental Laws and Principles of Single Phase Currents, Laws of Combination of Resistances, Capacities and Inductances treated algebraically and graphically, the Theory of Transformers, Synchronous and Induction Motors, Design of A.C. Apparatus such as Choking Coils, Transformers, Auto-Transformers, &c., Transmission and Distribution of Power, Long-distance Transmissions and Line Characteristics, Polyphase Currents, Fundamental Principles Applications to Generators, Motors, Rotary Converters, Frequency Converters, Arrangements and Grouping of Transformers Star and Mesh, Description of Modern Polyphase Machinery, Special Switchboard Arrangements, &c., Industrial Applications.

Honour students will be examined on the work as outlined for Pass-students, but will be expected to have acquired a knowledge of the more advanced detail work of Alternating Currents. Such students are also encouraged to devote as much time as available in pursuing investigations in the Laboratory, and are expected to present at the end of the year a thesis dealing with any portion of the work approved by the lecturer.

Special text-books for such students will be from time to time recommended.

**PRACTICAL WORK—FIRST TERM.**

Potentiometer Measurements of Current E.M.F. and Res., Calibration of Aerometers, Volt Meters, Watt Meters, Supply Meters, Characteristics of D.C. Dynamos and Motors, separately excited, Series Shunt, compound and over and under compounded.

**SECOND TERM.**

Efficiency of Motion, Brake Tests, Hopkinson and Kapp Tests for a pair of machines, Behaviour of Motors and Dynamos running in parallel, Separate or Direct Coupled Steam and Gas Engine Testing.

**THIRD TERM.**

Characteristics of Alternators, Single and Polyphase Efficiencies, Point to Point Determination of Waves of E.M.F. and Current. Power Factors, Calibration of Instruments, Combinations of Res., Cup, Induction Choking

Coils, Transformer Characteristics and determination of losses and efficiency by different methods, Testing of Synchronous and Induction Motors and Rotary Converters, Grouping of Transformer Coils in Polyphase Systems Synchronising, or running machines in parallel.

A C. Work, Fundamental Principles, Considerations of Masc. Average, and Effective Values of Current and E.M.F., Angles of Lag and Lead, Effect, of Res. Capacity and Induction, Laws of Combination of Circuits containing the above, Description of Modern Generator, and Application of Principles to Synchronous and Induction Motors, Elementary Theory of Transformers, Design of Choking Coils, Polyphase Currents, Rotary Yields Star and Mesh Connection.

Graphical representations are used where possible, and the more advanced portions of the work are not touched upon.

Students require a preliminary knowledge of the elements of Algebra, Trigonometry, and Statics.

## PART II.

### LECTURES—FIRST TERM.

Revision of First Year work.

Units, &c.

Measuring Instruments—their use and adjustment.

Potentiometer methods.

Calibration of Instruments.

Magnetic Induction. Faraday's Law and Application to Dynamo-electric Machinery.

Magnetic Circuit; Laws and Application.

### SECOND TERM.

Physical Theory of Dynamo-electric Machinery.

Classification of Dynamos.

Bi-, Multi-, and Uni-polar Alternators.

Armatures—Open coil and closed coil.

Design and Calculations of Armatures and Field Magnets.

Characteristic Curves. Shunt, Series, and Compound Dynamos. Sparking, Angle of Lead.

Description of Typical Dynamos.

Principles of Dynamo Design.

Motors—Tests, Efficiency, &c.

Generation and Distribution of Power.

Tramways and Industrial Applications.

### THIRD TERM.

Accumulators—Manufacture—Management.

Systems of Distribution of Electric Power.

### PRACTICAL WORK.

General Electrical Measurements including Potentiometer Methods.

Efficiency of Batteries, Primary and Secondary.

Calibration of Instruments.

Measurement of  $B$  and  $\mu$ .  
 Armature windings.  
 Testing, Cable Insulation, &c.  
 Photometry.  
 Testing of Dynamos and Motors, *D.C.* and *A.C.*  
 Tracing Characteristic Curves.  
 Hopkinson and Kapp Tests.  
 Point to Point Method of Tracing Curves of Current and E.M.F.  
 Power Factors, Testing of Transformers, Rotary Converter, Efficiency, &c.  
 Polyphase Grouping and Connections.

Text-books recommended :—

*Hawkins & Wallace.*—The Dynamo.  
*Sheldon and Mason.*—Alternating Currents.  
*Slingo & Brooker.*—Electrical Engineering.

References :—

*Vide* Electric Engineering for Diploma.

Fee—£2 for the Course, or 13s. 4d. per Term.

NOTE.—Students are strongly advised to attend evening Lectures in Physics at the University before attending either of the above courses; also to attend lectures on Mathematics, including Algebra, Trigonometry, Elementary Statics, and Dynamics.

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## RULES FOR THE UNIVERSITY LIBRARY.

### I. OPENING AND CLOSING OF THE LIBRARY.

1. The Library shall be open on Week Days from 9 a.m. to 5 p.m., except on Saturdays, when it shall be open from 9 a.m. to 1 p.m.
2. The Library shall be closed on Sundays, on Public Holidays, and on such other days, and at such other times, as the Council may direct, previous notice of such closing being given.

### II. PERSONS ENTITLED TO ADMISSION FOR READING PURPOSES.

1. The following persons shall be entitled to use the Library for reading purposes:—
  - (1). Past and Present Members of the University Council.
  - (2). Officers of the University.
  - (3). Graduates of the University, including those who have been admitted *ad eundem gradum*.
  - (4). Students attending lectures at the University, subject to the Rules in Section III.
  - (5). Other persons, subject to the Rules in Section IV.

### III. RULES FOR THE ADMISSION OF STUDENTS WHO ARE NOT GRADUATES.

1. Any student wishing to make use of the Library shall apply to the Librarian for a ticket, entitling the holder to admission to the Library for one year.
2. Such ticket can be either cancelled or temporarily withdrawn at any time by the Library Committee if the holder shall have been guilty of improper conduct in the Library.

### IV. RULES FOR THE ADMISSION OF OTHER PERSONS.

1. Persons, other than those already specified, who are desirous of using the Library for purposes of study may, on application to the Council, receive a ticket entitling them to the use of the Library for a fixed period of time.

Any Member of the Library Committee may grant admission to the Library until next meeting of the Council.

## V. PERSONS ENTITLED TO BORROW BOOKS FROM THE LIBRARY.

The following persons shall be entitled to borrow books from the Library :—

- (1). Members of the Council.
- (2). Officers of the University.

## VI. RULES FOR BORROWING BOOKS.

1. Any book can be borrowed from the Library with the exception of those classed as works of reference and such others as may be set apart. In all such cases special leave must be obtained from the Council before the book can be borrowed.

2. The title of any book borrowed, and the date of borrowing, must be entered at the time by the officer in charge, in a book provided for the purpose.

3. Books borrowed must be returned within one month of the date of issue, and all books must be returned before the day appointed for cleaning and examining the Library.

4. Those infringing Rule 3 shall be fined a shilling a volume for the books which they have failed to return, after being warned by the Librarian.

5. The borrower shall restore the volume in the same condition in which he received it (fair wear and tear excepted), and shall be liable for any damage it may have received in his keeping.

## VII. RULES FOR THE CONDUCT OF READERS IN THE LIBRARY.

1. The use of pens and ink in the Library is strictly prohibited, except at tables set apart for the purpose.

2. Readers who are not entitled to borrow books are strictly forbidden to remove them from the Library.

3. Readers, other than Members of the Council and Officers of the University, must, after consulting books, leave them on one of the tables, and not restore them to the shelves.

4. Readers causing any damage in the Library, or behaving in such a way as to interfere with the comfort of other readers, shall incur the penalty of a fine, the amount to be fixed by the Board of Discipline or may be excluded from the Library by the Librarian or officer in attendance, and may be further deprived of the use of the Library for such term as the Council may determine.



## VIII. RULES FOR CONSERVATORIUM LIBRARY.

1. The Rules of the University Library are to apply to the Conservatorium Library, except with regard to borrowing.

2. Students may borrow copies of music or books (except those mentioned in Rule 10) on the written recommendation of a teacher of the Conservatorium.

3. Students must return copies of music or books within a fortnight of the date of issue, but such students have the right of renewal at the end of that time, provided no other application has been received.

4. No student is to have possession of more than two copies of music or two books.

5. Teachers can borrow any copies of music or books, except those mentioned in Rule 10.

6. Teachers must return copies of music or books within a month of the date of issue, but such teachers have the right of renewal at the end of that time, provided no other application has been received *from a teacher*.

7. Those infringing Rule 3 or 6 shall be fined a shilling per volume for the copies of music or books they have failed to return after having been warned by the Librarian.

8. The borrower shall restore the copy of music or book in the same condition in which he received it (fair wear and tear excepted), and shall be liable for any damage it may have received while in his keeping.

9. The title of the book borrowed, the name of the borrower, and the dates of borrowing and return shall be entered at the time by the officer in charge in a book provided for the purpose.

10. Books classed as works of reference may not be borrowed by the students; they may be borrowed by teachers, but special leave must first be obtained from the Council.

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## RESOLUTIONS CONCERNING THE COMMEMORATION OF UNIVERSITY ALUMNI.

Whereas it is desirable that the University shall commemorate any of its alumni who shall have achieved marked distinction, it is hereby resolved that :—

- I. The Council may determine by an absolute majority, and upon such evidence as it shall deem sufficient, and subject to the concurrence of the Senate, to commemorate after death any alumnus of this University, who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular—

By signal acts of courage in the performance of duty or in the cause of humanity.

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

By attaining eminence in Science, Literature, Art, or any Profession.

- II. The Council shall transmit to the Senate for its concurrence a copy of each determination, together with a statement of the evidence and reasons in its favour, and the nature and situation of the intended memorial.

- III. The modes of commemoration shall be inexpensive, and may be by mural tablets or other memorials erected within the precincts of the University, and bearing commemorative inscriptions. Each inscription shall contain a brief statement of the grounds upon which the commemoration has been awarded, and the statement shall be recorded also in the minutes of the Council.

- IV. The Council shall compile and keep a record of the Academic and extra University career of each alumnus.

- V. Private persons also may, in modes and upon grounds approved by the Council, (by an absolute majority), and by the Senate, commemorate deceased alumni by memorials erected within the precincts of the University. The design of each memorial, the inscription to be placed upon it, and its situation, must be approved by the Council.

Persons desirous of approval shall supply such evidence and information as the Council shall require, and comply with such terms and conditions as the Council shall impose.

- VI. The foregoing and any future resolutions may be altered or added to by an absolute majority of the Council, with the concurrence of the Senate.

*Concurred in by Senate, 22nd August, 1900.*

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ALUMNI COMMEMORATED :

Hopkins, William Fleming, B.A. (Ad.), M.B. (Melb.), Surgeon-Captain in the Australian Regiment, 1901.

Campbell, Allan James, M.B., B.S. (Ad.), Surgeon-Captain in Steiniker's Horse, 1903.

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## AFFILIATION TO THE UNIVERSITY OF CAMBRIDGE.

The application made to the University of Cambridge to confer on Students from the University of Adelaide the same privileges as are conferred on Students from Colleges affiliated to the University of Cambridge has been granted, and the following Clause has been added to the Regulations of that University relating to the affiliation of the University of Adelaide :—

“ That Matriculated Students of the University of Adelaide who have completed therein two academical years of study and have passed the First and Second Annual Examinations for the Degree of Bachelor of Arts, Science, Laws, or Medicine, be entitled to be admitted to the privileges of affiliation, provided that in some one or more of the Examinations (other than the Junior Public Examination) held by that University they have satisfied the Examiners in Latin, one other language not being English, Elementary Pure Mathematics, and Elementary Applied Mathematics.”

NOTE.—The Ordinances of the University of Cambridge may be consulted on application to the Registrar.

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## RECOGNITION BY THE INSTITUTION OF CIVIL ENGINEERS, LONDON,

The Institution of Civil Engineers has decided to recognise the Senior Public Examination of this University as exempting from the studentship examination of that Institution, provided that the group of subjects included by the certificate covers the requirements of the Institution examination. A certificate will be considered to comply with this condition if it embraces the following subjects :—

- English History.
- English Literature.
- Arithmetic.
- Algebra to Quadratic Equations.
- Euclid, Books I.—IV.
- Elementary Trigonometry.
- One language (Latin, Greek, French, or German).
- Either Physics or Inorganic Chemistry.

which must be passed at the same sitting.

## SCHOLARSHIPS, EXHIBITIONS, AND PRIZES.

### The Angas Engineering Scholarship.

The Hon. J. H. Angas has founded in connection with the University a Scholarship of £200 a year for two years, of which the object is to "Encourage the training of Scientific men, and especially Civil Engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship has been founded see Statutes, Chapter XIII. "Of the Angas Engineering Scholarship," page 66.

An examination for this Scholarship will be held in June, 1906, and should the Scholarship not be awarded, another examination will, if required, be held in June, 1907.

For form of notice by candidates of intention to compete for the Scholarship, see page 69.

The following schedule has been drawn up in accordance with No. 5 of the Statutes concerning this Scholarship :—

1. MATHEMATICS.—The Pass Mathematical subjects of the course of the B.Sc. Degree.

2. PHYSICS.—The Pass subjects in Physics of the course of the B.Sc. Degree.

3. GEOLOGY.

(a) Includes all subjects taken under Part II. Geology, of the B.Sc. Degree, with special reference to local geological features ; the geological systems of Australia and their economic products ; applied geology in agriculture, drainage, water supply, architecture, engineering works, &c.

[The candidates will be required to prove a practical acquaintance with the methods of constructing geological sections and maps, and to submit evidence of actual work done in this particular.]

(b) Palæontology—Fossilization ; organic types characteristic of the principal geological formations ; the application of palæontological evidence to geological problems ; collecting, deciphering, and classifying fossils.

(c) Mineralogy—As specified under Part II. Geology of the B.Sc. Degree.

(d) Petrology—The principal rock-forming minerals ; their megascopic and microscopic characters. Classification of rocks, (a) eruptive ; (b) sedimentary.

## 4. CHEMISTRY.

Compulsory Chemistry and Chemistry, Part I., with the addition of such subjects as are mentioned below :—

Special attention to be given to the rock forming minerals, and the chemistry of the same; disintegration of rocks; limes, cements, and clays. The chemistry of explosives. An elementary knowledge of the chemistry of oils used as fuel and for lubrication. A general practical acquaintance with the methods of water analysis. And in general, the application of chemistry to the elucidation of the causes of decay of building materials, and of the means whereby the same may be arrested or prevented.

## 5. APPLIED MECHANICS.

The same as for the B.Sc. course.

## 6. MECHANICAL AND ENGINEERING DRAWING.

The text-book recommended is "Engineering, Drawing, and Design," by S. H. Wells, Part I. (C. Griffin & Co.). The examination will be upon matters dealt with in the text-book

The scale of marks for this examination shall be as follows :—

Mathematics	...	800	Applied Mechanics	...	300
Physics	...	500	Mechanical and Engi-		
Chemistry	...	400	neering Drawing	...	150
Geology	...	300			

**Awards.**

1882. Donaldson, George, B.A.  
 1889. Farr, Clinton Coleridge, B.Sc.  
 1892. Wyllie, Alexander, B.Sc.  
 1895. { Birks, Laurence, B.Sc. } equal.  
       { Chapple, Alfred, B.Sc. }  
 1898. Clark, Edward Vincent, B.Sc.  
 1901. Duffield, Walter Geoffrey, B.Sc.  
 1904. Gartrell, Herbert William, B.A., B.Sc.

### The Angas Engineering Exhibitions.

These Exhibitions are of the value of £60 per annum, tenable for three years by undergraduates in Science. For conditions see Statutes, Chapter XIII. "Of the Angas Engineering Scholarship and the Angas Engineering Exhibitions, Sections 11 to 17 inclusive, page 67.

An examination for one Exhibition will be held in November, 1906.

For form of notice by candidate of intention to compete for an Angas Engineering Exhibition, see page 70.

The following Schedule has been drawn up, in accordance with the Statutes concerning these Exhibitions, for the examination to be held in November, 1906.

1. MATHEMATICS (Pure and Applied). As prescribed for the Higher Public Examination. *Vide* Part II. of the Calendar—"Public Examinations."

2. SCIENCE.—Chemistry and Physics. As prescribed for the Higher Public Examination. *Vide* Part II. of the Calendar: "Public Examinations."

3. PHYSICS AND CHEMISTRY (Practical Examination).

*Physics*—Candidates will be asked to perform some simple experiments such as are described in Worthington's "First Course of Laboratory Practice."

*Chemistry*—Candidates will be asked to analyse simple salts soluble in water or acid, containing not more than one acid and one base.

4. PHYSICAL GEOGRAPHY AND GEOLOGY.—As prescribed for the Higher Public Examination. *Vide* Part II. of the Calendar: "Public Examinations."

NOTE.—Languages, French, German, Latin (any two). Candidates for the Exhibition must pass in two of these languages in the Senior Public Examination—these may be passed either before or in the same year in which the examination for the Exhibition is held.

The scale of marks for this examination shall be as follows:—

Mathematics—		
Pure and Applied Mathematics		1000
Science—		
Chemistry	... ..	400
Physics	... ..	400
Physical Geography and Geology		300
		— 1100

**Awards.**

For previous awards, see Calendar for 1904, p. 206.

1900. Chapple, Ernest  
 1901. Wilton, John Raymond.  
 1902. March—Moore, George Douglas.  
 November—Darwin, Lisle Julius (resigned).  
       Bowen, Harold Charles.  
 1903. Tassie, Robert Wilson.  
 1904. Darwin, Errol Raffael Henry.  
 1905. McNamara, Louis Warnecke.
- 

**The John Howard Clark Scholarships.**

These two Scholarships, of the annual value of about £20 for two years, were founded by public subscription in memory of the late John Howard Clark for the encouragement of English literature at the University. For conditions see Statutes, Chapter XIV. "Of the John Howard Clark Scholarships," page 70.

**Awards.**

For previous awards, see Calendar for 1904, pp. 206-7.

1900. { April—Cowell, Francis Henry  
       November—Poole, Dorothea Landon  
 1901. { Cowperthwaite, Elsie Eleanor  
       Trehay, Annie Louisa Virginia, B.Sc. } equal.  
 1902. { Gartrell, Eva Lavinia  
       Harry, May Margaret } equal.  
 1903. Good, Emily Milvain.  
 1904. Langman, Mary Lillecrapp.  
 1905. { Schulz, Adolf John  
       Waterhouse, Lorna Maud } equal.
- 

**The Roby Fletcher Prize.**

This Scholarship was founded by public subscription in memory of the late Rev. W. Roby Fletcher, M.A., formerly Vice-Chancellor of the University. The prize is of the value of £10, and is awarded annually. For conditions see Statutes, Chapter XX., page 77.



**Awards.**

For previous awards, see Calendar for 1904, pp. 207-8.

1900. { Bennett, Richard William } equal  
       { Tuckwell, Ernest Sinclair }  
 1901. { Gordon, James Leslie } equal  
       { Paine, Herbert Kingsley }  
       *Proxime accessit.*  
       Ward, John Frederick  
 1902. West, Reginald Arthur.  
 1903. Ray, Walter Vernon.  
 1904. { Churchward, Stella Mary } equal  
       { Holder, Sophia Ellen }  
 1905. Dodwell, George Frederick.

**The Stow Prizes.**

These Prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each and are awarded to undergraduates in Law who show exceptional merit in any year of their course.

For conditions see Statutes, Chapter XV. "Of the Stow Prizes and Scholar," page 72.

**Awards.**

For previous awards, see Calendar for 1904, pp. 208-9.

1900. { Bennett, Richard William  
       { Padman, Edward Clyde  
       { Skipper, Stanley Herbert  
 1901. { Bennett, Richard William  
       { Gordon, James Leslie  
       { Paine, Herbert Kingsley  
       { Skipper, Stanley Herbert  
 1902. { Gordon, James Leslie  
       { Shierlaw, Howard Alison  
 1903. Gordon, James Leslie.  
 1904. { Bray, Marmion Matthews  
       { Gordon, James Leslie  
       { Paine, Herbert Kingsley  
 1905. Bray, Marmion Matthews.

**The Stow Scholarship.**

Every Bachelor of Laws who, during his undergraduate course, has three times obtained the Stow Prize is entitled to the style of Stow Scholar, and receives a gold medal.

**Awards.**

1892. Stow, Francis Leslie  
 1897. Young, Frederick William  
 1901. { Bennett, Richard William  
       { Skipper, Stanley Herbert  
 1904. Gordon, James Leslie
- 

**The Elder Prizes.**

Sir Thomas Elder having since 1882 given £20 yearly for prizes in the Faculty of Medicine the Council, at his death in 1897, resolved to continue the Prizes. They are of the value of £10 each and are awarded to the best students in the first and second years of the M.B. Course who are placed in the First Class.

**Awards.**

*(For previous holders see Calendar for 1898.)*

1898. Ambrose, Ethel Mary Murray, First year.  
       Ambrose, Theodore, Second year.  
 1899. Not awarded.  
 1900. Scott, Malcolm Leslie, First year.  
       Not awarded in Second year.  
 1901. { Brummitt, Robert Douglas } equal First year  
       { Russell, Walter Henry }  
       { Burnard, Eulalie Hardy Hanton } equal Second year  
       { Chapple, Phoebe }  
 1902. { Ray, William (First year).  
       { Not awarded (Second year).  
 1903. { Fry, Henry Kenneth (First year).  
       { Not awarded (Second year).  
 1904. { Not awarded (First year).  
       { Fry, Henry Kenneth (Second year).  
 1905. { Not awarded (First year).  
       { Jona, Judah Leon (Second year).

### The Dr. Davies Thomas Scholarships.

These two Scholarships of the value of £10 each were founded by Mrs. Davies Thomas in memory of the late Dr. Davies Thomas, Lecturer in the Principles and Practice of Medicine and Therapeutics at the University.

They are awarded to the best student in each of the third and fourth years of the M.B. Course who shall be placed in the First Class.

For conditions see Statutes Chapter XXI. "Of the Dr. Davies Thomas Scholarships," page 77.

#### Awards.

1896. Smith, Julian Augustus Romaine (Student of the Third Year).  
Randall, Allan Elliott (Student of the Fourth Year).
1897. Owen, Arthur Geoffrey (Student of the Third Year).  
No Fourth Year Students.
1898. Formby, Henry Harper (Student of the Third Year).  
No Fourth Year Students.
1899. Stuckey, Francis Seavington (Student of the Third year).  
No Fourth Year Students.
1900. Muecke, Francis Frederick.  
No Fourth Year Students.
1901. Mayo, Helen Mary (Student of the Fourth Year).  
Not awarded third year.
1902. { Burnard, Eulalie Hardy Hanton } equal (Students of the  
Cooper, Constance May } Third year).  
Hayward, Lionel Wykeham) Student of the Fourth year).
1903. Dawson, Dean (Student of the Third Year).  
Scott, Malcolm Leslie (Student of the Fourth Year).
1904. Ray, William (Student of the Third year);  
Hunn, William Morgan (Student of the Fourth Year).
1905. { Parkhouse, Devon } equal (Students of the Third  
Verco, John, Reginald } year).  
Roy, William (Student of the Fourth year).

### The Everard Scholarship.

This Scholarship, founded by the late William Everard, is of the value of £50, and is awarded to the student who is placed first in the Class List of the Final Examination for the Degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions see Statutes Chapter XVIIA. "Of the Everard Scholarship," page 74.

#### **Awards.**

For previous awards, see Calendar for 1904, p. 211.

- 1902. Mayo, Helen Mary.
- 1903. Hayward, Lionel Wykeham.
- 1904. Cooper, Constance May.
- 1905. Hunn, William Morgan.

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#### **The Hartley Studentship.**

This Studentship has been founded by public subscription in memory of the late John Anderson Hartley, B.A., B.Sc., Vice-Chancellor of the University and Inspector-General of Schools of South Australia. It is awarded on the results of the Higher Public Examination, is tenable for three years, and is available for either the B.A. or B.Sc. Course.

For conditions see Statutes Chapter XXII. "Of the Hartley Studentship," page 77.

#### **Awards.**

- 1898. Jolly, Norman William
- 1899. Priest, Herbert James.
- 1900. Ward, John Frederick
- 1901. West, Gordon Roy.
- 1902. Darwin, Lisle Julius.
- 1904. Bennett, Frank Normau.
- 1905. Glasson, Joseph Leslie.

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#### **The South Australian Commercial Travellers' Association (Incorporated) Scholarship.**

This Scholarship has been founded by the Commercial Travellers' Association, and is awarded on the nomination of that Association.

For conditions see Statutes, Chapter XVI. "Of the Commercial Travellers' Association Scholarship," page 72.

**Awards.**

1884. Bertram, Robert Matthew.  
 1889. Harrison, Rosa Lillian.  
 1891. Bostock, Jessie.  
 1894. Dibben, Nellie Helen.  
 1899. Ellis, Annie Rita.  
 1905. Begg, Reginald Haussen.
- 

**The Tennyson Medals.****Awards—1905.**

- Junior Public—Young, Alfreda Dorcthy (Advanced School for Girls).  
 Senior Public—Moore, Phyllis Mary (Advanced School for Girls).  
 Higher Public—Gardner, Rita Elizabeth (Advanced School for Girls).
- 

**The Joseph Fisher Medals.**

The Statutes provide for the annual award of this Medal to the candidate for the Advanced Commercial Certificate, who, on completing the course for such Certificate, shall, in the opinion of the Examiners, be the most distinguished.

For conditions see Statute Chapter XXVIII, "Of the Joseph Fisher Medal of Commerce, and the Joseph Fisher Lecture in Commerce," page 82.

**Award.**

1904. Robertson, John George.  
 1905. Annells, Herbert Edward.
- 

**The St. Alban Scholarship.**

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a Scholarship to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated Student thereof, who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each Student so nominated shall hold such Scholarship for such number of consecutive academical Terms as the Student must for the time being complete in order to obtain a Degree in (as the case may require) Laws, Medicine, Arts, Science, or Music: Provided nevertheless that the said Lodge may from time to time at the end of any academical year terminate the tenure of the Scholarship by the holder thereof for the time being, and substitute another matriculated Student for such holder. Each Student so substituted shall therefrom have all the advantages appertaining to such Scholarship.

2. Each Scholar studying for a Degree in Arts, Science, or Music, shall during such time as he or she shall hold the Scholarship be exempt from the payment of all University fees including the fees payable on taking the Degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music. Each Scholar studying for a Degree in Laws or Medicine shall in each year, during which he or she shall hold the Scholarship, be credited by the University with the sum of £15 towards payment of his or her fees. Any Student ceasing to hold the Scholarship shall not be exempt from payment of such fees or entitled to credit for such sum of £15 after the time at which he or she shall cease to hold such Scholarship.

3. Scholars shall be in all respects subject to the Statutes and Regulations for the time being of the University.

4. Save by permission of the Council of the University no Scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical Terms, reckoned consecutively, which such Scholar must complete in order to obtain a Degree in the course of study pursued by him or her, and the Terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a Scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, and purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary, for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such Scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the Scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia, shall be accepted by the said University as sufficient evidence as well of the right of the person by whom any such Certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

#### FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that  
 is the son (or daughter) of  
 who was (or is) a worthy member of the Ancient Fraternity of Free  
 and Accepted Masons under the Grand Lodge of South Australia, and  
 hereby nominates the said  
 as a person to whom the University shall award a St. Alban  
 Scholarship. The said scholar-designate is to study for the degree of  
 Bachelor of

Dated at Adelaide this \_\_\_\_\_ day of \_\_\_\_\_ in  
 the year 18 \_\_\_\_\_

(Lodge Seal).

Signed,

Master of St. Alban Lodge.

Signed,

Secretary of the St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure  
 by \_\_\_\_\_ of the St. Alban

Scholarship, and has substituted  
in the room of the said

Dated at Adelaide the \_\_\_\_\_ day of \_\_\_\_\_ in  
the year 18 \_\_\_\_\_

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

#### Awards.

- 1891. Bowen, Frederick James Alfred.
- 1892. Walker, Ellen Lawson.
- 1894. Makin, Frank Humphrey.
- 1898. Broadbent, Percy Lewis (resigned).
- 1900. Poole, Dorothea Landon.
- 1903. Hunn, William Morgan.
- 1905. Jacob, Melliar Phelps.

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#### University Scholarships.

These Scholarships have been established by the Education Department of the South Australian Government, under the following Regulations :—

- I. Three scholarships, of the value of £35, £30, and £25 respectively, will be offered for competition annually. Each Scholarship will be tenable for three years.
- II. Candidates must have been resident in the colony for at least one year immediately preceding the examination, and must be under nineteen years of age on the 1st of December in the year in which the examination is held. They must not previously have attended any part of the day undergraduate course at the University.
- III. The award of the scholarships shall be decided by the result of the Senior Public Examination of the University in 1900 and the Higher Public Examination in subsequent years, together with such further examination as may, if necessary, be prescribed by the University Council.



- IV. The particular subjects of examination and the relative value of each shall be fixed by the University Council, subject to the approval of the Minister.
- V. The scholarships will not be awarded unless the Board of Examiners of the University certify that in their opinion the candidates show such special ability as to justify their further education at the University.
- VI. Successful candidates must enter the University as undergraduate students in either Arts or Science in the March following the examination. Except in case of illness or other sufficient cause, they must attend all the lectures, and pass all the examinations required by the University in the selected course.
- VII. Payment of the scholarships will be made in three equal instalments at the end of the three University terms. Each scholar must present a certificate of diligence and proficiency in a form to be prescribed by the Minister, and payment may be reduced or withheld altogether if such certificate is not satisfactory to the Minister.
- VIII. No person may hold one of these scholarships in conjunction with any other tenable at the University, except the John Howard Clark scholarship.
- IX. Notwithstanding anything contained in these regulations, the examiners may recommend the Minister to vary the number and amount of the scholarships in any one year, provided that no one scholarship shall exceed £35 and that the total shall not exceed £90.

#### ENTRANCE SCHOLARSHIPS.

##### A.—FOR DAY STUDENTS.

###### **Awards.**

(*For previous holders see Calendars for 1898, 1901, and 1905.*)

1905. Jona, Jacob (First).  
 Bragg, William Lawrance (Second).  
 Rosengarten, Wilfred David (Third).

##### B.—FOR EVENING STUDENTS.

- I. Five scholarships will be offered for competition to students entering on the evening course of study for a degree in Arts or Science, five to students who have completed the first year,

four to students who have completed the second year, and four to students who have completed the Third Year. The value of each of these scholarships will be £10.

- II. Candidates for the entrance scholarships must have been resident in the colony for at least one year immediately preceding the examination, and must be between sixteen and twenty-five years of age on the 31st of December immediately preceding the date of the examination. Candidates for the other scholarships must comply with similar conditions, one year of age being added for each year of the University course.
- III. The subjects of examination for the entrance scholarships shall be fixed by the University Council, subject to the approval of the Minister. The examination shall be qualifying, not competitive, and the scholarships shall be awarded to such candidates as in the opinion of the Board of Examiners show the most promise, due allowance being made for their previous opportunities.
- IV. The subjects for examination for the scholarships to be awarded at the end of each year shall be such portions of the Arts or Science course as have been studied in the evening classes during the year.
- V. The scholarships shall be divided between the Arts and Science schools in the proportion of the number of scholars studying in those schools respectively during the year for which the scholarships are offered.
- VI. Such portion of the scholarship as may be necessary to pay the University fees shall be paid on the certificate of the Registrar at the beginning of the University year, and the balance shall be paid at the close of the year on production of a certificate from the Registrar that the scholar has diligently and regularly attended the prescribed lectures.
- VII. Should any difficulty arise in the interpretation of the Regulations referring to University scholarships the question shall be referred to the Minister, whose decision shall be final.

#### **Evening Entrance Scholarships for 1906.**

Candidates for any of these Scholarships, whether they have already held one of them or not, must apply to the Registrar in writing before March 7th. They should state :—

1. Their age, whether they are at work during the day, how they are employed, and what salary they receive.
2. Their qualifications in point of knowledge, viz. :—
  - (a.) If they have not previously held the Scholarship, they should give particulars of any public examinations they have passed. Candidates are qualified to hold the Scholarship who have reached the standard of the Junior Public examination in English Literature, History, and Mathematics.
  - (b.) If they have already held the Scholarship, they should state what work they have done and what examinations they have passed while holding it.

In March five Scholarships will be awarded to students for a First Year.

#### Awards.

(For previous awards see Calendars for 1898, 1901, 1903, 1904, and 1905.

Awarded March, 1905.

#### ENTRANCE SCHOLARSHIPS.

Angwin, William Britton.  
 Arthur, John Andrew.  
 Ashhurst, Amelia Elizabeth.  
 Birks, Walter Richard.  
 Collins, Arnold William.  
 Corry, Samuel Lloyd.  
 Davis, David.  
 Deeney, John Chrysostom.  
 Dumas, Russell John.  
 Ellis, Arthur Benjamin.  
 Gardner, Edith Josephine.  
 Holder, Sophia Ellen.  
 Hübbe, Edith Ulrica.  
 Lipsham, Kate Caroline.  
 Neuenkirchen, Hermann Adolph Heinrich.  
 Rischbieth, Oswald.  
 Stephens, Lillian.  
 Thomas, Frank Emerson.

**THE TATE MEMORIAL MEDAL.****RULES.**

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal, it is hereby provided:—

- I. There shall be a medal, to be awarded annually, and called the "Tate Memorial Medal."
- II. The medal shall be awarded for the best original work on the Geology, Palæontology, or Mineralogy of any part of the Commonwealth of Australia.
- III. Any undergraduate in the faculty of science, or any graduate in science of this University of not more than three years' standing, shall be eligible to compete for the medal.  
\*Provided that in no case shall any candidate be allowed to compete more than three times.
- IV. The medal shall be awarded in the first week of June in each year.

*Made by Council, 12th December, 1902.*

- \*V. No medal shall be awarded to a candidate who in the opinion of the Council is not deserving of it.

*\* Made by Council 29th July, 1904.*

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**Awards.**

1903. Gartrell, Herbert William, B.A., B.Sc.  
 1904. Basedow, Herbert.  
 1905. Not awarded.
- 

**The South Australian Scholarship.**

This Scholarship, which is now discontinued, was of the value of £200 a year for four years. It was established by the Education Department of the South Australian Government, and awarded on the recommendation of the University to a student who at the date of examination had not attained the age of 21 years. The holders were required to study during the tenure of the scholarship at a European University.

**Awards.**

1879. Beare, Thomas Hudson, B.A.  
1880. Robin, Percy Ansell, B.A.  
1881. Holder, Sydney Ernest, B.A.  
1882. Donaldson, Arthur, B.A.  
1883. Murray, George John Robert, B.A.  
1884. Leitch, James Westwood, B.A.  
1885. Tucker, William Alfred Edgecumbe, B.A.  
LL.B.  
1886. Walker, William John, B.A.
- 

**Commissions in the British Army.**

Under certain Regulations, one Commission in the British Army may be granted annually to a student of the University of Adelaide.

Candidates must be within the ages of 18 and 22, and must have passed such literary examination as the Council may decide. They will have to undergo a further examination before the home authorities in military subjects, viz. :—

1. The elements of Field Fortification.
2. Military Topography.
3. The Elements of Tactics.
4. Military Law.

The full Regulations may be seen on application to the Registrar, and the Council are anxious that eligible candidates should take advantage of the opportunities given.

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**SOCIETIES ASSOCIATED WITH THE UNIVERSITY.**

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**Adelaide University Union.**

The objects of the Union are :—

1. To promote social life amongst the members of the University.
2. To receive and discuss papers on University subjects.
3. To hold periodical debates on subjects approved by the Committee.
4. To discuss all University subjects, the consideration of which has been approved of by the Committee.

The Union has a commodious room on the University premises used for debates, socials, and other meetings. On its tables are to be found current magazines and newspapers. It serves the purpose of reading, smoking, and general club room for the members of the Union.

All officers, graduates, undergraduates, and students in law of the University of Adelaide are eligible for membership.

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**Adelaide University Scientific Society**

This Society has been formed with the object, mainly, of bringing together students and others connected with the University, and interested in the various branches of Science, of promoting the study of Science by periodical meetings, preparing papers, and occasional lectures, and also of visiting institutions connected with applied science, and making excursions to places of scientific interest.

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**The Adelaide Medical Students' Society.**

This Society was founded in 1889.

Its chief objects are to encourage the writing of papers on subjects of general medical interest, and to promote fellowship among the medical students.

Meetings are held once a month during the first two terms, at which papers, written by students, are read and discussed.

Various periodicals of interest are taken by the Society.

The Medical Students' Dinner is held annually under the auspices of the Society.

All students of medicine of the Adelaide University are eligible as members.

The officers are elected at the first meeting of the year.

The subscription is 2s. 6d. per annum.

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### **Adelaide University Christian Union.**

FOUNDED 1890. RE-ORGANIZED 1896.

Objects.—To strengthen the bonds of union amongst Christian students, to deepen the spiritual lives, to promote Christian work, especially by and for students, to lead them as they go forth from the University to place their lives where they will be most useful.

Meetings, to which all students are invited, are held weekly, and addresses are given by students and friends of the Union.

Bible Classes for men and women students meet weekly to follow a three years' course of study.

A handbook, of convenient shape for the waist-coat pocket, containing in condensed form such information as a new student requires, is published at the beginning of each year, and presented to students.

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### **Adelaide University Sports' Association.**

This Association was formed in the beginning of 1897 by the amalgamation of the Lacrosse, Lawn Tennis, and Boat Clubs. Its object was to do away with interest in one club to the exclusion of the others, and to bring membership of all the clubs within the reach of every student.

The honorary office-bearers of the Association are a patron, president, six vice-presidents, two joint treasurers, and a secretary.

The General Committee composed of the office-bearers, together with two delegates from each constituent club, has sole control of all moneys belonging to the Association, and has power to perform all such acts as shall appear necessary for its management.

The Committee meets once a month for the despatch of business.

Membership.—Every graduate, or undergraduate, or law student of the Adelaide University, or graduate of any other recognized University is eligible for membership.

The annual subscription for members is £1 10s., and for honorary members £1 1s. Upon payment of this subscription members are entitled to enjoy the privileges of each constituent club, and to wear the black and white colours of the Association.

The membership of the Association is now about 70.

The Committee hopes that the time is not far distant when every student will avail himself of the benefits of membership, thereby fostering that spirit of *esprit de corps* which is so essential to student life.

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### **The University Shakspeare Society.**

The objects of the Society are to promote an intimate knowledge of the plays of Shakspeare, and of matters connected with Shakspearian study.

The means employed are (a) The reading of the plays, (b) The delivery of lectures or reading of essays upon Shakspearian subjects, (c) The discussion of such subjects by the members, and (d) any other such means as the Committee may deem to be expedient to the end in view.

The subscription fee for each member is 7s. 6d. for the Session, due on the 23rd of April in each year. In the event of the subscription of any member being unpaid three months from that date, the Committee have power to remove the name from the list of members.

The Committee have power to elect as Honorary Members of the Society any persons who have materially helped the Society in any way, or who have done good service in extending the knowledge and appreciation of Shakspeare within the State of South Australia.

The meetings of the Society are held fortnightly, at the University, and continue from the first Thursday after the 23rd April in each year until the second Thursday in November of the same year, the University vacations being observed.

The Meetings of the Society commence at 7.45 p.m., and close at 9.30 p.m., extension of time for closing to be arranged by resolution.



### **The Adelaide University Law Debating Society.**

The object of the Society is the discussion of any topics of interest to students of law.

The persons eligible to become members of the Society are:—

- (a) Any person who has obtained the Degree or Final Certificate in Law of the University of Adelaide ;
- (b) Any undergraduate or student in law at the University ;
- (c) Any member of the legal profession who is a graduate of this University.

The Annual General Meeting of the Society is held on a day to be fixed by the Committee in the first week of April, at which the Committee will be pleased to meet all new students and intending members.

Ordinary meetings are held every alternate Monday in the Law Room at the University, at 7.45 p.m.

The annual subscription is 2/6.

The Society annually offers for competition a prize of the value of £2 2s. (£1 1s. of which is kindly presented each year by R. W. Bennett Esq., LL.B.), to be awarded to the member who, in the opinion of the committee appointed for the purpose, shall have proved himself the best debater at the meetings held during the current year.

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**ADELAIDE UNIVERSITY CALENDAR**  
**FOR THE YEAR 1906.**

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**PART II.**

**Public Examinations.**

PUBLIC EXAMINATIONS BOARD.

LOCAL CENTRES AND OFFICERS.

PRIMARY PUBLIC EXAMINATION.

JUNIOR PUBLIC EXAMINATION.

SENIOR PUBLIC EXAMINATION.

HIGHER PUBLIC EXAMINATION.

JUNIOR COMMERCIAL EXAMINATION.

TENNYSON MEDALS.

PRIZES.

*The Pass Lists and Examination Papers for 1905 are published  
in the Pamphlet issued by the Public Examinations Board*

**PUBLIC EXAMINATIONS BOARD.**  

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Professor Bensly	Mr. Chapman
Professor Bragg	Dr. Eitel
Professor Henderson	Mr. Howchin
Professor Mitchell	Mr. Madsen
Professor Rennie	Mr. Mawson
Professor Stirling	

*Secretary to the Board.*

R. J. M. Clucas.

*Applications for forms of entry, and all payments, are to be made to the Registrar of the University; other communications to the Secretary.*

## LOCAL CENTRES.

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Candidates may be examined at Local Centres in which a Committee of Management has been formed and approved by the Board.

Candidates desiring to sit at these Centres must make all applications, payments, and communications to the Local Secretaries. All Local Centres in Western Australia are managed by the Committee in Perth.

### SOUTH AUSTRALIA :

<i>Centre.</i>	<i>Chairman.</i>	<i>Secretary.</i>
Clare ... ..	Rev. Canon R. B. Webb	Mr. Magnus Badger.
Jamestown ... ..	H. Boucaut	Rev. T. H. Frewin, M.A.
Laura ... ..	G. I. Bills	C. V. Wells, M.B., B.S.
Moonta ... ..	H. W. Uffindell	S. R. Page.
Mount Gambier	F. H. Daniel	C. L. Spehr, LL.B.
Naracoorte ... ..	A. Attiwell	Rev. R. Clark.
Port Pirie ... ..	F. S. Delano	B. H. Moore, B.Sc.
Koolunga ... ..	E. J. Shipway	Rev. F. W. Wilkinson, B.A.
Talia ... ..	A. G. Thompson	Rev. Gordon Cuming.
Yorketown ... ..	G. C. Hayward, M.R.C.S.	Rev. C. S. Beaumont.

### WEST AUSTRALIA :

Perth ... ..	Hon. J. W. Hackett, M.L.C.	{ W. Ernest Cooke, M.A. <i>Assistant Secretary:</i> H. M. Joscelyne, B.A.
<i>Sub-centres.</i>		
Albany ... ..	Mr. C. McKenzie	
Kalgoorlie ... ..		J. Watson Brown, B.Sc., LL.B.

### BROKEN HILL, N.S.W.

#### PRIMARY ONLY.

<i>Chairman.</i>	<i>Secretary.</i>
O. von Rieben.	Justin McCarthy.

## PRIMARY PUBLIC EXAMINATION.

## REGULATIONS.

- I. Every candidate must satisfy the Public Examinations Board in at least four of the following subjects, of which two must be numbers 1 and 2 :—
- |   |   |
|---|---|
| (1) English Grammar<br>and Composition<br>and Dictation.  | (5) Greek.<br>(6) Latin.<br>(7) French.         |
| (2) Arithmetic.   | (8) German.                                     |
| (3) Geography of the<br>British Isles and<br>Australasia. | (9) Algebra.<br>(10) Geometry.<br>(11) Drawing. |
| (4) English History.                                      |   |
- II. A candidate who does not pass in four subjects, including numbers 1 and 2, fails in the whole examination.
- III. The examination will be held during the month of August or September in each year.
- IV. Candidates must give at least four weeks' notice of their intention to present themselves, and such notice must be given on a printed form, which may be obtained from the Registrar or, in the case of Local Centres, from the Local Secretary.
- V. Each candidate at the time of giving notice to attend shall pay a fee of 10s. ; and if he enters for more than four subjects he shall pay a fee of 2s. 6d. for each additional subject.  
In no case will the fee be returned ; but if, not less than seven days before the examination, a candidate shall notify to the Secretary his intention to withdraw, the fee shall stand to his credit for a future examination.
- VI. Candidates who may fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.
- VII. A list of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed and the last place of education from which each candidate comes, will be posted at the University and published in the report on the public examinations.

- VIII. Each successful candidate shall be entitled to a certificate showing in what subjects the candidate has passed.
- IX. On application to the Secretary to the Board unsuccessful candidates shall be informed in what subjects they have failed.
- X. Schedules defining as far as may be necessary the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 11th December, 1901.

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### SCHEDULE.

#### DETAILS OF SUBJECTS FOR THE EXAMINATION IN AUGUST, 1906.

##### 1. ENGLISH.

- (a) GRAMMAR. An elementary knowledge of grammatical distinctions, including inflexions, the parsing and analysis of sentences, and the detection of grammatical errors. The meaning of words in common use.
- (b) COMPOSITION. An essay or letter on a simple subject, mainly to test grammatical accuracy and punctuation.
- (c) DICTATION. A list of words in common use.

##### 2. ARITHMETIC.

Easy questions on the elementary processes of arithmetic, including fractions, non-recurring decimals, practice, rectangular areas and volumes.

##### 3. GEOGRAPHY OF THE BRITISH ISLES AND AUSTRALASIA.

- (a) GEOGRAPHY OF THE BRITISH ISLES as in Longman's *Shilling geography* and Gregory's *Austral geography for Class V*, pp. 30-57. (*Whitcombe and Tombs. 9d.*)
- (b) GEOGRAPHY OF AUSTRALASIA as in Gregory's *Austral geography for Class III*. (*Whitcombe and Tombs. 4d.*)
- Candidates may be required to draw rough sketch-maps.

##### 4. ENGLISH HISTORY.

Gilles, W. *Simple studies in English history*; rev. ed., 1905. (*Whitcombe and Tombs. 1s. 8d.*)

[Candidates are particularly requested to purchase the rev. ed., dated 1905.]

## 5. GREEK.

White, J. W. *First lessons in Greek.* Lessons 1-48. (Macmillan. 3s. 6d.)

## 6. LATIN.

Cook, A. M. *Shorter Latin course, first part.* (Macmillan. 1s. 6d.).

## 7. FRENCH.

- (a) Grammar. Fasnacht, G. E. *Progressive French course, first year.* (Macmillan. 1s.)  
 (b) Easy translation from French into English, and from English into French.

## 8. GERMAN.

- (a) Grammar. Fasnacht, G. E. *Progressive German course, first year.* (Macmillan. 1s. 6d.), pp. 1-77.  
 (b) Easy translation from German into English, and from English into German.

## 9. ALGEBRA.

Elements of algebra, including addition, subtraction, multiplication, division, easy fractions, easy equations of the first degree containing not more than two unknown quantities with problems leading to such equations.

## 10. GEOMETRY.

**PRACTICAL GEOMETRY.** The following constructions and easy extensions of them:—Bisection of angles and of straight lines; construction of perpendiculars to straight lines; simple cases of the construction of triangles from sufficient data; construction of parallels to a given straight line; construction of angles equal to a given angle.

**THEORETICAL GEOMETRY.** The substance of the theorems contained in Euclid, Book I, Propositions 4-6, 8, 13-16, 18, 19, 26-30, 32; questions upon these theorems, easy deductions, and arithmetical illustrations.

Every candidate must be provided with a ruler graduated in inches and tenths of an inch and in centimetres and millimetres, a small set square, a protractor, compasses furnished with a hard pencil point, and a hard pencil.

Questions may be set in which the use of the set square or of the protractor is forbidden.

Figures should be drawn accurately with a hard pencil.

Any proof of a proposition will be accepted which appears to the examiners to form part of a logical order of treatment of the subject. In the proof of theorems and deductions from them, the use of hypothetical constructions is permitted.

## \*11. DRAWING.

- (a) First Grade Freehand, and
- (b) First Grade Plane Geometry.

For the present the University will not examine in these subjects, but will accept the certificates of the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia. The examination, however, must be passed at the same time as the other subjects of the examination.

\*[For particulars concerning Drawing, apply to the *Director for Technical Art, School of Design.*]

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## JUNIOR PUBLIC EXAMINATION.

### REGULATIONS.

\*I. Every candidate shall be required to satisfy the Public Examinations Board in at least five of the following subjects, but there is no limit to the number of subjects for which a candidate may sit :—

- |                         |                           |
|-------------------------|---------------------------|
| (1) English Literature. | (9) Algebra.              |
| (2) English History.    | (10) Geometry.            |
| (3) Geography.          | (11) Physics.             |
| (4) Greek.              | (12) Inorganic Chemistry. |
| (5) Latin.              | (13) Physiology.          |
| (6) French.             | (14) Botany.              |
| (7) German.             | (15) Drawing.             |
| (8) Arithmetic.         |                           |

*\* Allowed 2nd December, 1903.*

II. The examination shall begin on or about the last Monday in November.

III. Candidates who fail to pass in five subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

†V. The following fees, which do not include fees for Drawing, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously presented themselves	... ..	£1 0 0
Subsequent entries —		
For each separate subject	... ..	0 5 0
Or,		
For the whole examination	... ..	1 0 0

In no case will the fee be returned, but if, not less than seven days before the examination, a candidate shall notify to the Secretary to the Board his intention to withdraw, the fee shall stand to his credit for a future examination.

*† Allowed 7th December, 1905.*

- \*VI. Candidates must, on or before the 1st of October, or, if the 1st of October falls on a Sunday, on or before the 2nd of October, give notice of their intention to present themselves for examination, and such notice must be given on a printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

\* Allowed 7th December, 1904.

- VII. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

- †VIII. (a) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations.

(b) The names of candidates who have distinguished themselves in the several subjects will also be published.

(c) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first three candidates on this list who shall be under sixteen years of age on the 1st December in the year in which the examination is held, shall be awarded prizes of the value of £10, £5, and £3 respectively. The position on the honour list will be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

† Allowed 7th December, 1904.

- IX. Schedules defining as far as may be necessary the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 11th December, 1901.

## SCHEDULE.

### DETAILS OF SUBJECTS FOR THE EXAMINATION IN NOVEMBER, 1906.

#### I. ENGLISH LITERATURE.

- (a) Scott. *Ivanhoe*.  
 (b) George, H. B., and Sidgwick, A., eds. *Poems of England*. (Macmillan), 2s. 6d. To be committed to memory: Nos. 3, 11, 13, 14, 17, 18, 22, 26, 30, and 32.  
 (c) Candidates are required to do exercises on grammar from the prescribed books.

## 2. ENGLISH HISTORY.

Tout, T. F. *First book of British history from the earliest times to the present day.* (Longman's hist. ser. for schools, bk. I. 2s. 6d.)

## 3. GEOGRAPHY.

General knowledge of the geography of the world. More detailed knowledge of the British Empire. Sketch-maps may be required of any part of the British Empire, including the more important information contained in ordinary school maps.

Books suggested: Gregory, J. W. *Austral geography for Classes III, IV* (pp. 92-116), *V*, and *VI.* (Whitcombe and Tombs, 2s. 10d.)

## 4. GREEK.

(a) Grammar. Goodwin's *School Greek grammar; new and rev. ed.* (Macmillan. 3s. 6d.) is recommended.

(b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

(c) Easy translation from Greek into English.

## 5. LATIN.

(a) Grammar. Postgate's *New Latin primer* (Cassell. 2s. 6d.) is recommended.

(b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

(c) Easy translation from Latin into English

## 6. FRENCH.

(a) Grammar.

(b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

(c) Easy translation from French into English.

## 7. GERMAN.

(a) Grammar.

(b) Easy prose composition. Simple sentences to test knowledge of accidence and the more common principles of syntax.

(c) Easy translation from German into English.

## 8. ARITHMETIC.

As for the Primary Examination and, in addition, interest and discount, percentages, profit and loss, ratio and proportion, unitary method, square roots, stocks and shares, metric system and approximations, areas of parallelograms triangles and circles, volumes of prisms and pyramids.

## 9. ALGEBRA.

As for the Primary Examination and, in addition; fractions and factors; greatest common measure and least common multiple; the solution of equations of the first degree and questions producing such equations; and the solution of easy quadratic equations involving one unknown quantity. Questions may be set on graphs, and when such papers are set, squared paper will be provided.

## 10. GEOMETRY.

As for the Primary Examination and, in addition :

**PRACTICAL GEOMETRY.** Simple cases of the construction of quadrilaterals from a sufficient number of data ; division of straight lines into a given number of equal parts ; construction of a triangle equal in area to a given polygon ; construction of tangents to a circle ; construction of common tangents to two circles.

**THEORETICAL GEOMETRY.** The substance of the theorems contained in Euclid, Book I, Propositions 33-41, 43, 47, 48, and Book III Propositions 3, 14-16, 18-22, 31 ; questions upon these theorems, easy deductions, and arithmetical illustrations.

Every candidate must be provided with a ruler graduated in inches and tenths of an inch and in centimetres and millimetres, a small set square, a protractor, compasses furnished with a hard pencil point, and a hard pencil.

Questions may be set in which the use of the set square or of the protractor is forbidden.

Figures should be drawn accurately with a hard pencil.

Any proof of a proposition will be accepted which appears to the examiners to form part of a logical order of treatment of the subject. In the proof of the theorems and deductions from them, the use of hypothetical constructions is permitted.

## 11. PHYSICS.

Questions will be set requiring a knowledge of the elementary principles of mechanics, hydraulics, and heat ; and of simple illustrative experiments such as are contained in Rintoul's *Introduction to practical physics*. (Macmillan. 2s. 6d.)

## 12. INORGANIC CHEMISTRY.

The elementary chemistry of the acid-forming elements, based upon Remsen's *Elements of chemistry ; a text-book for beginners*, 2nd ed. (Macmillan. 2s. 6d.), pp. 1-165.

## 13. PHYSIOLOGY.

Text-book recommended :

Foster and Shore. *Physiology for beginners*. (Macmillan. 2s. 6d.)

Candidates will be required to show a practical acquaintance with the position, appearance, and general structure of the principal organs of the vertebrate body.

## 14. BOTANY.

The questions will be confined to the general structure of the flowering plant, with especial reference to the following illustrative plants :

*Buttercup, abutilon, wallflower, pelargonium, primrose, sunflower, lily, snapdragon, jonquil, an orchid, pea, eucalyptus, wheat.*

## \*15. DRAWING.

- (a) First Grade Model, and  
 (b) Intermediate Geometry.

For the present the University will not examine in these subjects, but will accept the certificates of the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia, to whom all fees for Drawing must be paid.

\*[For particulars concerning Drawing, apply to the *Director for Technical Art, School of Design.*]

## SCALE OF MARKS FOR CREDIT LIST AND OF PRIZES.

English Literature	...	...	300	Algebra	...	...	...	...	300
English History	...	...	300	Geometry	...	...	...	...	300
Geography	...	...	200	Physics	...	...	...	...	200
Greek	...	...	400	Chemistry	...	...	...	...	200
Latin	...	...	400	Physiology	...	...	...	...	200
French	...	...	300	Botany	...	...	...	...	200
German	...	...	300	*Drawing	...	...	...	...	200
Arithmetic	...	...	200						

\* This subject does not count for prizes.

## SENIOR PUBLIC EXAMINATION.

## REGULATIONS.

\*I. Every candidate shall be required to satisfy the Public Examinations Board in at least five of the following subjects :—

- |                                |   |
|--------------------------------|---|
| (1) English Literature.        | (9) Trigonometry.                       |
| (2) History                    | (10) Physics.                           |
| (3) Greek.                     | (11) Inorganic Chemistry.               |
| (4) Latin.                     | (12) Physiology.                        |
| (5) French.                    | (13) Botany.                            |
| (6) German.                    | (14) Physical Geography and<br>Geology. |
| (7) Arithmetic and<br>Algebra. | (15) Drawing.                           |
| (8) Geometry.                  |   |

†II. (a) The examination shall begin on or about the last Monday in November.

(b) A special examination will be held in March, at which those only who are undergraduates or who intend to become students in Law or Medicine shall be allowed to present themselves. Candidates must enter their names for this examination at least one month previously.

III. Candidates who fail to pass in five subjects shall be credited with any subjects in which they do pass, and when they have completed the five subjects shall receive certificates showing the subjects in which they have passed, and the dates, but candidates may again present themselves in any subject in which they have already passed.

IV. Candidates who have already obtained certificates may have other subjects added to their certificates by passing them at later examinations.

\* Allowed 2nd December, 1903.

† Allowed 9th April, 1902.

††V. The following fees, which do not include fees for Drawing, shall be paid by each candidate on entering his name for the examination :—

For candidates who have not previously presented themselves	£1	10	0
Subsequent entries :—			
For each separate subject	...	...	0 10 0
Or,			
For the whole examination	...	...	1 10 0

†† Allowed 7th December, 1905

## SPECIAL EXAMINATION IN MARCH.

For the whole examination ... ..	£3	0	0
Or, for each separate subject ... ..	1	0	0

In no case will the fee be returned ; but if, not less than seven days before the examination, a candidate shall notify to the Secretary to the Board his intention to withdraw, the fee shall stand to his credit for a future examination.

- \*VI. Candidates must, on or before the 1st of October, or, if the 1st of October falls on a Sunday, on or before the 2nd of October, give notice of their intention to present themselves for examination, and such notice must be given on a printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

*\* Allowed 7th December, 1904.*

- VII. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

- †VIII. (a) The names of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate passed, and the last place of education from which each candidate comes, will be posted at the University and published in the Report on public examinations.

(b) The names of candidates who have distinguished themselves in the separate subjects will also be published.

(c) The names of candidates who have distinguished themselves in the whole examination will also be published in order of merit. To the first three candidates on this list who shall be under *seventeen* years of age on the 1st December in the year in which the examination is held, shall be awarded prizes of the value of £10, £5, and £3 respectively. The position on the honour list will be determined by the aggregate of marks in not more than seven subjects. The scale of marks assigned to each subject shall be published in the schedule of details.

*† Allowed 6th April, 1905.*

- IX. Schedules defining, as far as may be necessary, the range of the questions to be set shall be published not less than twelve months before the date of the examination to which they are intended to apply.

*Allowed 11th December, 1901.*

## SCHEDULE.

DETAILS OF SUBJECTS FOR THE EXAMINATION IN  
NOVEMBER, 1906, AND MARCH, 1907.

## 1. ENGLISH LITERATURE.

- (a) Shakespeare. *As you like it*; ed. by J. C. Smith. (*Warwick Shakespeare*. 1s. 6d.)  
 (b) Milton. *Paradise lost, bk. I*; ed. by M. Macmillan. (*Macmillan*. 1s. 9d. Lines 1-330 to be committed to memory.)  
 (c) Carlyle. *Essay on Burns*. (*Cassell's national lib.* 6d. net.)

## 2. HISTORY.

Gardiner, S. R. *Students' history of England, vol. II, A.D. 1509-1689*, pp. 361-648. (*Longmans*. 4s.)

## 3. GREEK.

\*(a) Grammar. Goodwin's *School Greek grammar; new and revised ed.* (*Macmillan*. 3s. 6s.) is recommended.

\*(b) Prose composition.

\*(c) Passages for translation from unprepared books.

(d) Aristophanes. *Scenes from Aristophanes: Knights*; ed. by Arthur Sidgwick. (*Longmans*. 1s. 6d.)

Xenophon. *Hellenica, Bk. II*; ed. by G. M. Edwards. (*Pitt Pr. ser.* 3s. 6d.)

(e) Greek History, from 431 B.C.-403 B.C.

\*Candidates are warned that, however satisfactory their work may be in (d) and (e), it is impossible for them to pass if they fail in the other sections.

## 4. LATIN.

\*(a) Grammar. Postgate's *New Latin primer* (*Cassell*. 2s. 6d.) is recommended.

\*(b) Prose composition.

\*(c) Passages for translation from unprepared books.

(d) Cicero. *In Q. Caecilius divinatō*; ed. by W. E. Heitland and H. Cowie. (*Pitt Pr. ser.* 3s.)

Vergil. *Aeneid, Bk. II*; ed. by P. Sandford. (*Blackie*. 2s.)

(e) Roman History, from 60 B.C.-42 B.C.

\*Candidates are warned that, however satisfactory their work may be in (d) and (e), it is impossible for them to pass if they fail in the other sections.

## 5. FRENCH.

(a) Grammar.

(b) Translation from English into French.

(c) Translation from French into English.

## 6. GERMAN.

(a) Grammar.

(b) Translation from English into German.

(c) Translation from German into English.



## 7. ARITHMETIC AND ALGEBRA.

ARITHMETIC, including the theory of the various processes; the elements of mensuration, including the areas of parallelograms, triangles, circles, and the surfaces of spheres and cones; the volumes of parallelepipeds, prisms, pyramids, spheres and cones.

ALGEBRA as for the Junior Examination and, in addition, quadratic equations involving one or more unknown quantities, and problems leading thereto; indices and surds; ratio and proportion; the nature of logarithms, and the use of logarithms to the base 10.

## 8. GEOMETRY.

As for the Junior Examination, and in addition

PRACTICAL GEOMETRY. Construction of a segment of a circle containing an angle of given magnitude. Division of straight lines into parts in any given proportions. Constructions of a fourth proportional to these given straight lines, and of a mean proportional to two given straight lines. Division of straight lines in extreme and mean ratio. Division of a straight line internally or externally into segments, so that the rectangle under the parts is equal to a given square. Construction of regular polygons in and about circles. Construction of a circle from sufficient data of the following character: (1) radius given, (2) point on the circle given, (3) contact with a given straight line or circle, (4) contact with a given straight line at a given point. Construction of a rectilineal figure to a specified scale or of specified area, and similar to a given figure. Construction of a square equal in area to a given polygon.

Illustration and explanation by means of rectangular figures of the following identities:—

$$k(a + b + c + \dots) = ka + kb + kc + \dots$$

$$(a + b)^2 = a^2 + 2ab + b^2$$

$$(a - b)^2 = a^2 - 2ab + b^2.$$

$$a^2 - b^2 = (a + b)(a - b).$$

THEORETICAL GEOMETRY. The substance of the theorems contained in Euclid Book III, Propositions 32, 35-37; Book VI, Propositions 1-8, 19, 20, 33, together with Propositions A and D; questions upon these theorems, easy deductions from them, and arithmetical illustrations.

In dealing with proportion it may be assumed that all quantities of the same kind can be treated as commensurable.

Every candidate must be provided with a ruler graduated in inches and tenths of an inch and in centimetres and millimetres, a small set square, a protractor, compasses furnished with a hard pencil point, and a hard pencil.

Questions may be set in which the use of the set square or of the protractor is forbidden.

Figures should be drawn accurately with a hard pencil.

Any proof of a proposition will be accepted which appears to the examiners to form part of a logical order of treatment of the subject. In the proof of theorems and deductions from them, the use of hypothetical constructions is permitted.

## 9. TRIGONOMETRY.

Elementary portions, as the substance of Lock's *Treatise on elementary trigonometry* (Macmillan. 4s. 6d.), ch. I to XII, XIV, XV.

## 10. PHYSICS.

Elements of light, heat, sound, electricity, and magnetism.

Text-book recommended :

Wright, M. R. *Elementary physics*. (Longmans. 2s. 6d.).

NOTE. Candidates should make experiments such as may be found in Worthington's *First course of physical laboratory practice* (Longmans. 4s. 6d.), or in Gregory's *Elementary practical physics* (Macmillan. 2s. 6d.) Teachers are recommended to consult Slate's *Physics for secondary schools* Macmillan. 6s.)

## 11. INORGANIC CHEMISTRY.

Laws of gases. Specific gravity and the modes of determining it. Barometer. Thermometer. Specific heat. Latent heat.

The elementary chemistry of the more commonly occurring elements and their compounds, based upon Rensen's *Elements of chemistry*, (Macmillan, 2s. 6d.) with the exception of the chapters on organic chemistry.

N. B.—An intelligent knowledge of chemical principles will be required as far as they are explained in the above named text-book.

## 12. PHYSIOLOGY.

Text-book recommended :

Foster and Shore. *Physiology for beginners*. (Macmillan. 2s. 6d.)

Candidates will be required to show a practical acquaintance with the position, appearance, and structure of the most important tissues and organs of the vertebrate body, and may be called upon to perform some easy exercise in dissection.

## 13. BOTANY.

Examination of typical species, deviations from the respective types, and important structural peculiarities of the following natural orders: *Ranunculaceae*, *Cruciferae*, *Geraniaceae*, *Malvaceae*, *Leguminosae*, *Proteaceae* *Myrtaceae*, *Compositae*, *Goodeniaceae*, *Primulaceae*, *Labiateae*, *Scrophulariaceae*, *Orchideae*, *Amaryllideae*, and *Liliaceae*.

Text-books recommended :

Groom, P. *Elementary botany*. (Bell and Sons. 3s. 6d.)

Tate, R. *Flora of South Australia*. (S.A. Education Dept. 2s. 6d. and 5s. net.)

Questions relating to obscure characters, or those not readily determined without the aid of a microscope, will not be set. Teachers are referred to Dendy and Lucas's *Introduction to botany* for such natural orders as are not found in Groom's book.

14. PHYSICAL GEOGRAPHY AND GEOLOGY.

PHYSICAL GEOGRAPHY.

Text-book recommended :

Thornton, J. *Elementary physiography*, 11th ed., ch. XIII. to XX. (Longmans. 2s. 6d.)

GEOLOGY.

Questions will be confined to the undermentioned topics :

Common rocks, their composition and modes of origin.

Disintegration and denudation.

Rock-building (sedimentary).

Rock structures and earth movements, including joints, cleavage-elevation and depression of the land, dip, strike, foldings-faults, &c.

Springs and underground drainage. Saline basins.

Metamorphism; volcanic phenomena; earthquakes.

Origin of landscape.

Economic geology.

Text-book recommended :

Watts, W. W. *Geology for beginners*, (Macmillan. 2s. 6d.) ch. I-IX, XI-XII, XV, and XXII-XXIII.

\*15. DRAWING.

Candidates must take First Grade Model and Freehand before Second Grade Model and Freehand. Both grades may be taken at the same examination, but should the Candidate fail in the First Grade no success will be recognized in the higher Grade.

Candidates must pass in *a* and *b*, or in *a*, *c* and *d*.

(*a*) Intermediate Perspective.

(*b*) Second Grade Plane Geometry.

(*c*) Second Grade Freehand.

(*d*) Second Grade Model.

For the present the University will not examine in these subjects, but will accept the certificates of the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia to whom all fees for Drawing must be paid.

\*[For particulars concerning Drawing apply to the Director for Technical Art, School of Design.]

SCALE OF MARKS FOR CREDIT LIST AND PRIZES.

English Literature	...	...	300	Trigonometry	..	...	...	200
English History	..	...	300	Physics	...	...	...	200
Greek	...	...	400	Chemistry	...	...	...	200
Latin	...	...	400	Physiology	..	...	...	200
French	...	...	300	Botany	..	...	...	200
German	...	...	300	Physical Geography and Geology				200
Arithmetic and Algebra	...	...	300	*Drawing				
Geometry	...	...	300					

\* This subject does not count for prizes.

## HIGHER PUBLIC EXAMINATION.

## REGULATIONS.

- I. A Higher Public Examination will be held annually, in or about the first week in December.
- II. Candidates may be examined in any five but not more of the following subjects at one examination.
- (1.) English Literature.
  - (2.) History.
  - (3.) Greek.
  - (4.) Latin.
  - (5.) French.
  - (6.) German.
  - (7.) Pure Mathematics.
  - (8.) Applied Mathematics.
  - (9.) Physics.
  - (10.) Inorganic Chemistry.
  - (11.) Biology, with *either* Physiology *or* Botany.
  - (12.) Physical Geography and Geology.
- III. The following fees shall be paid by each candidate on entering his name for the examination :—
- |   |     |     |   |    |                   |
|---|-----|-----|---|----|-------------------|
| For candidates who have entered for the Senior Public Examination in the current or any previous year | ... | 0   | 2 | 6  | for each subject. |
| Other candidates  | ..  | ... | 0 | 10 | 0 “ “             |
- In no case will the fee be returned, but if, not less than seven days before the examination, a Candidate shall notify to the Secretary of the Public Examinations Board his intention to withdraw, the fee shall stand to his credit for a future examination.
- \*IV. Candidates must, on or before the 1st of October, or, if the 1st of October falls on a Sunday, on or before the 2nd of October, give notice of their intention to present themselves for examination, and such notice must be given on a form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.

\* Allowed 7th December, 1904.

- \*IV. Candidates who fail to give notice by the prescribed date may be permitted by the Board to present themselves on payment of an extra fee of 5s.

\* Allowed 3rd December, 1902.

- V. (a) A list of the successful candidates in each subject shall be published.
- (b) Lists of Candidates who have distinguished themselves in the separate subjects shall also be published.
- (c) Certificates shall be issued to candidates who pass in one or more subjects.
- †(d) The University Scholarships, granted by the Education Department, of the value of £35, £20, and £25, respectively, will be recommended for award to the most successful Candidates in the examination, provided they are under nineteen years of age on the 1st December in the year in which the examination is held, and are not students of the University. The names of other candidates who have distinguished themselves in the whole examination will be published in order of merit.

The recommendation for Scholarships will be determined on the aggregate marks obtained by the candidate in all subjects in which he passes. The scale of marks assigned to each subject shall be published in the syllabus.

† Allowed 6th April, 1905.

- VI. The syllabus defining as far as may be necessary the range of the questions to be set, shall be published not less than twelve months before the date of the examination to which they are intended to apply.

Allowed 11th December, 1901.

## SCHEDULE.

### DETAILS OF SUBJECTS FOR THE EXAMINATION IN DECEMBER, 1906.

N.B.—In this examination the questions will not necessarily be limited to the contents of the text-books.

#### I. ENGLISH LITERATURE.

- (a) Shakespeare. *As you like it*; ed. by J. C. Smith. (*Warwick Shakespeare*. 1s. 6d.)
- (b) Palgrave's *Golden treasury of songs and lyrics, bk. IV.*; ed. by J. H. Fowler. (*Macmillan*. 1s. 6d.) To be committed to memory: Nos. 11, 13, 45, 47, 52, 57, 62, 80, 84, 94, 109, 110, 126, and 131.
- (c) Gwynn, S. *Masters of English literature* (*Macmillan*. 3s. 6d.), ch. III-VI and XV-XX.

## 2. HISTORY.

- (a) Gardiner, S. R. *Students' history of England, vol. III, A.D. 1689-1885*, pp. 649-972. (Longmans. 4s.)
- (b) Woodward, W. H. *Outline history of the British Empire, 1500-1902*. (Camb. Univ. Pr. 1s. 6d. net.)

## 3. GREEK.

- (a) Grammar.
- (b) Composition in prose and verse.  
[A second piece of prose will be set as an alternative for those candidates who may not wish to take the verse.]
- (c) Passages for translation from Greek into English.

## 4. LATIN.

- (a) Grammar.
- (b) Composition in prose and verse.  
[A second piece of prose will be set as an alternative for those candidates who may not wish to take the verse.]
- (c) Passages for translation from Latin into English.

## 5. FRENCH.

- (a) Grammar.
- (b) Translation from English into French.
- (c) Translation from French into English.

## 6. GERMAN.

- (a) Grammar.
- (b) Translation from English into German.
- (c) Translation from German into English.

## 7. PURE MATHEMATICS.

Algebra to the binomial theorem; the substance of Euclid, Bks. I to IV, VI, and XI, with exercises; trigonometry, to solution of triangles, properties of triangles, and heights and distances.

## 8. APPLIED MATHEMATICS.

Elementary statics, dynamics, and hydrostatics.

Text-book recommended:

Loney, S. L. *Mechanics and hydrostatics for beginners*. (Pitt Pr. ser. 4s. 6d.)

## 9. PHYSICS.

The same range as in the Senior Public Examination, together with elementary mechanics and hydrostatics, with more difficult questions and a practical examination.

Text-book recommended:

Aldous, J. C. P. *Elementary course of physics*. (Macmillan. 7s. 6d.)

## 10. INORGANIC CHEMISTRY.

The chemistry of the more commonly occurring elements and their compounds, based upon Remsen's *Introduction to the study of chemistry*, 3rd ed., with the exception of Ch. XXIX, XXX, and XXXI. It must be distinctly understood, however, that all the questions set will not necessarily be found within the text-book recommended, but they will be such as may be fairly deduced from the matter of the text-book. Candidates will also be required to analyse qualitatively salts (acids or bases), soluble in water or acids, containing not more than one acid and one base. The substances will not include phosphates insoluble in water, chromates, arsenates, or cyanides.

## 11. ELEMENTARY BIOLOGY.

The fundamental facts of the morphology and physiology of animals and plants as illustrated by the following types :

*Yeast Plant, Haematococcus, Amoeba, Spirogyra, Vorticella, Bracken Fern, Bean Plant, Frog.*

Candidates will be required to show, by a practical examination, an acquaintance with the structure of the various types mentioned.

Text-books recommended :

Parker, T. J. *Lessons in elementary biology*. (Macmillan. 10s. 6d.) Such parts as refer specifically to the types mentioned, together with Lessons VI, IX, XIII, and XVII.

Marshall, A. Milnes. *The frog: an introduction to anatomy, histology, and embryology* (Nutt. 4s.), pp. 14-115.

Huxley and Martin. *Practical biology*. (Macmillan. 10s. 6d.) So far as this deals with the types mentioned, it may also be consulted.

## THE ELEMENTS OF HUMAN PHYSIOLOGY.

Text-book recommended :

Foster and Shore. *Physiology for beginners*. (Macmillan. 2s. 6d.)

## BOTANY.

As for the Senior Public Examination, and, in addition, candidates will be required to classify specimens illustrative of the orders enumerated.

## 12. PHYSICAL GEOGRAPHY AND GEOLOGY.

Principles of physical geology as evidenced in the phenomena of rock masses ; agents of geological change ; origin of landscape.

The common minerals, their general properties and modes of occurrence.

Classification of strata in relation to time.

Fossilization. Fossil types characteristic of the various geological periods.

Practical determination of hand specimens of the common minerals and rocks.

Text-books recommended :

Thornton, J. *Elementary physiography*, 11th ed. (Longmans. 2s. 6d.), ch. XIII-XX.

Watts, W. W. *Geology for beginners*. (Macmillan. 2s. 6d.)

## SCALE OF MARKS FOR SCHOLARSHIPS.

English Literature	...	...	300	Applied Mathematics	...	...	200
English History	...	...	300	Physics	...	...	200
Greek	...	...	400	Chemistry	...	...	200
Latin	...	...	400	Biology, with either Physiology			
French	...	...	300	or Botany	...	...	200
German	...	...	300	Physical Geography and Geology			200
Pure Mathematics	...	...	600				

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## JUNIOR COMMERCIAL EXAMINATION.

### REGULATIONS.

- I. Candidates must pass in the following five subjects called *Compulsory Subjects* at one and the same time :—
- (1) English Literature.
  - (2) Commercial Arithmetic.
  - (3) Commercial Geography.
  - (4) Bookkeeping.
  - (5) Business Correspondence.
- II. Candidates may also be examined in any of the following subjects called *Additional Subjects* :—
- (1) Any one or more subjects in the Junior, Senior, or Higher Public Examination other than English Literature, Arithmetic, and Geography in the Junior Public Examination.
  - (2) Shorthand.
  - (3) Typewriting.
- III. A candidate who passes in the Compulsory Subjects, and at the same or a subsequent examination in one or more of the Additional Subjects, may have the Additional Subjects in which he passes entered on his certificate.
- IV. A candidate who passes in the Compulsory Subjects, and has previously passed in one or more subjects in the Junior, Senior, or Higher Public Examination, other than English Literature, Arithmetic, and Geography in the Junior Public Examination, may have the subjects in which he has passed added to his certificate.
- V. The examination will begin about the first week in December of each year.
- VI. The following fees shall be paid by each candidate on entering his name for the examination :—
1. For the Compulsory Subjects ... £1 0 0
  2. For the Additional Subjects :—
 

Shorthand ... ..	0 2 6
Typewriting ... ..	0 2 6
- Subjects in the Junior, Senior, and Higher Examinations—the fees prescribed in the Regulations for those examinations.

In no case will any fee be returned ; but if, not less than seven days before the examination, a candidate shall notify to the Secretary of the Public Examinations Board his intention to withdraw, the fee shall stand to his credit for a future examination.

- VII. Candidates must on or before the 1st of October, or, if the 1st of October falls on a Sunday, on or before the 2nd of October, give notice of their intention to present themselves for examination, and such notice must be given on a printed form which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary.
- VIII. Candidates who fail to give notice by the prescribed date may be permitted by the Public Examinations Board to present themselves on payment of an extra fee of 5s.
- IX. Schedules defining, as far as may be necessary, the range of the questions and exercises to be set, shall be published not less than twelve months before the date of the examination.
- X. A list of successful candidates, arranged in alphabetical order, showing the subjects in which the candidate has passed, or passed "with credit," and the last place of education from which each candidate comes, shall be posted at the University, and published in the report of the public examinations
- XI. A scholarship, called the Junior Commercial Scholarship, shall be annually awarded to the most distinguished candidate in the Compulsory Subjects, provided he is of sufficient merit, and not more than nineteen years of age on the 1st of December in the year in which the examination is held. The Scholarship will entitle the holder to exemption from the payment of fees for lectures and examinations in all subjects prescribed for the Advanced Commercial Certificate. Except by special permission of the Council, he must enter on the course immediately following the examination, and complete it within five years. His diligence and conduct must be satisfactory to the Council. The Scholarship cannot be held with any other tenable at the University. The scale of marks assigned to each subject shall be published in the schedule of details.

*Allowed 7th December, 1905.*

## SCHEDULE.

DETAIL OF SUBJECTS FOR THE EXAMINATION IN DECEMBER,  
1906.

NOTE.—In all subjects of this examination the examiners will pay especial attention to the spelling and handwriting of the candidates.

## A.—COMPULSORY SUBJECTS.

## 1. ENGLISH LITERATURE.

As for English Literature in the Junior Public Examination in the same year.

## 2. COMMERCIAL ARITHMETIC.

Theory and practice of the processes of general arithmetic; short methods in multiplication and division; short methods in mental arithmetic, including multiplication, division, prices of articles, practice, interest, and discount; addition of long totals and cross totals, simple and compound; approximations, including the decimalization of money, decimalized practice, contracted multiplication and division of decimals; the calculation of simple areas and volumes, including the metric system and the methods of duodecimals; percentages and averages; practice, interest and discount, commission and brokerage, bills of exchange, stocks and shares, foreign exchanges, the coinages and most important weights and measures of the principal countries of Europe and America, and of India, Japan, and China.

Text-books recommended:

Taylor's *Commercial arithmetic* (Methuen. 1s. 6d.) will be found a useful supplement to books on general arithmetic. The commercial chapters of Layng's *Arithmetic pt. 2* (Blackie. 2s. 6d.) are good, and the book contains a large number of examples. Grant and Hill's *Commercial arithmetic* (Longman's. 3s. 6d.) is also a suitable book.

## 3. COMMERCIAL GEOGRAPHY.

Candidates will be expected to know:

- (a) The general principles of geography as affecting industry and commerce. This includes some knowledge of the chief mineral, vegetable, and animal products which are articles of commerce; a closer knowledge of the influence of climate, soil, and minerals upon industry; and of situation and means of communication upon commerce.
- (b) The more important facts of the commercial geography of the World.
- (c) The commercial geography of Australia.

Text-book: Brooks's *Commercial geography for fifth class*. (Brooks and Co. 1s. 6d.)

## 4. BOOKKEEPING.

The theory and practice of Book-keeping by Double Entry.

The nature of the Journal, Cash Book, Bill Book, Purchase Book, Sales Book, and Ledger. Candidates must be prepared to present *pro forma* rulings of these books. The usual forms of Accounts Current, Invoices, and Account Sales.

The nature of Nominal, Real, and Personal Accounts, and the distinction between the Capital and Revenue items.

Transactions in connection with the forms of Bills of Exchange, Promissory Notes, and Cheques

The recording of a set of Transactions, including Consignments, Opening and Closing Entries, Trial Balance, Profit and Loss Account, and Balance Sheet.

Simple Partnership Accounts with division of Profit and Loss.

Text-Book recommended :

Pitman's *Book-keeping simplified* will indicate the standard of work required under the above headings.

## 5. BUSINESS CORRESPONDENCE (INCLUDING PRÉCIS WRITING).

Candidates will be asked to write simple business letters on specified data. The examiners will consider in the first place the mechanical arrangement and style, and in the second the writing and spelling of the answers.

## B.—ADDITIONAL SUBJECTS.

1. Any one or more subjects in the Junior, Senior, or Higher Public Examinations, other than English Literature, Arithmetic and Geography in the Junior Public Examination.

## 2. SHORTHAND.

Passages of average difficulty will be dictated for five minutes at rates of 80, 100, and 120 words a minute. Candidates must hand in their notes and a longhand transcript. They must intimate within at least one day of the examination for what rate they intend to sit.

## 3. TYPEWRITING.

Candidates will be expected to answer questions on the care of the machine; to make a fair copy of a rough draft of an unpunctuated business letter, which may involve some easy arrangement of figures; and to type and rule in red ink an invoice, account, or other form of business document. In addition there will be a speed test of 25 words per minute.

N. B.—Candidates are required to supply their own machines.

\*4. DRAWING.

The course prescribed by the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia in

(a) First Grade Geometry, Freehand, and Model.

(b) Intermediate Solid Geometry and Figured Freehand.

No examination will be held in Drawing, but the Board will accept the certificate of the above subjects issued by the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia to whom all fees for Drawing must be paid.

\*[For particulars concerning the examinations in Drawing apply to the Director for Technical Art, School of Design.]

SCALE OF MARKS FOR THE JUNIOR COMMERCIAL SCHOLARSHIP.

Commercial Arithmetic ...	...	200		Bookkeeping ... ..	...	100
Commercial Geography ...	...	100		Business Correspondence	...	100



## The Tennyson Medals.

### REGULATIONS.

WHEREAS a sum of One Hundred and Seventy-five Pounds has been paid to the University by His Excellency the Lord Tennyson, with the intention of encouraging the study of English Literature by the award of Medals at the Public Examinations, it is hereby provided as follows :—

- I. A Gold Medal and two Silver Medals, to be called the "Tennyson Medals," shall be awarded annually.
- \*II. The Gold Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Higher Public Examination.  
Candidates must be under the age of nineteen years on the 1st of December in the year in which the examination is held.  
*\*Allowed 6th April, 1905.*
- III. A Silver Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Senior Public Examination in November.  
Candidates must be under the age of seventeen years on the 1st of December in the year in which the examination is held.
- IV. A Silver Medal shall be awarded to the candidate who obtains the highest number of marks in the subject of English Literature at the Junior Public Examination.  
Candidates must be under the age of sixteen years on the 1st of December in the year in which the examination is held.
- V. No medal shall be awarded to a candidate who in the opinion of the Council is not deserving of it.
- VI. No person who has gained a medal shall be awarded the medal of the same grade at the same examination in any subsequent year.
- VII. In the event of two or more candidates obtaining the highest number of marks, a fresh examination shall be held to determine which of the candidates is most worthy.
- VIII. These Regulations may be varied from time to time.

*Allowed 11th December, 1901.*

**Awards, 1905.**

Junior Public.—Young, Alfreda Dorothy.	} Advanced School for Girls.
Senior Public.—Moore, Phyllis Mary.	
Higher Public.—Gardner, Rita Elizabeth.	

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**Junior Public Examination.****Prizes.**

Three Prizes, of the value of £10, £5, and £3 respectively, are annually awarded to the most distinguished candidates in the whole Examination who shall be under sixteen years of age on the 1st December in the year in which the Examination is held.

**Awards, 1905.**

Pike, Rolfe Wilson (Perth Boys' School).  
 Davy, Thomas Arthur (Perth High School).  
 Jervois, William Edwin (Collegiate School of St. Peter).

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**Senior Public Examination.****Prizes.**

Three Prizes, of the value of £10, £5, and £3 respectively, are annually awarded to the most distinguished candidates in the whole Examination who shall be under seventeen years of age on the 1st December in the year in which the Examination is held.

**Awards, 1905.**

Brown, Arthur Cubitt (Prince Alfred College).	} equal
Horan, John William Ambrose (Christian Brothers' College, Perth).	
McCollum, Malcolm John (Scotch College, Claremont).	

# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1906.

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## PART III.

### The Elder Conservatorium.

PREFACE.

STAFF.

REGULATIONS.

DIPLOMA OF ASSOCIATE IN MUSIC.

TERMS.

SCHOLARSHIPS.

PRIZES.

RULES FOR STUDENTS.

LIST OF STUDENTS.



# THE ELDER CONSERVATORIUM OF MUSIC.

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## PREFACE.

The Elder Conservatorium has been established for the purpose of providing a complete system of instruction in the art and science of Music, at a moderate cost to the student.

The Conservatorium is open to professional and amateur students. The course of instruction is so arranged that Students may either be prepared for a professional career or may attend for the study of a single subject only.

The course of instruction is divided into two grades, and the annual fees payable in each grade are :—

Advanced Grade ...	Fifteen guineas per annum
Second Grade ...	Twelve Guineas per annum

The annual fees may be paid in one amount, or in proportionate instalments at the commencement of each term. Students entering at a half term must pay the fee for a term and a half.

Each fee secures for the student tuition in one principal subject and in one or more secondary subjects, the latter to be approved by the Director. In the principal subject each student receives individual teaching for forty minutes every week during term.

The grade in which a student is to be placed will be decided by the Director.

Students desiring to study two principal subjects are allowed a reduction in the fee for the second principal subject.

Students desiring to attend the Conservatorium for the purpose of studying a secondary subject only may be admitted by special arrangement.

## Entrance Examination.

All candidates for admission as students must pass an Entrance Examination. The examination is not competitive, but is of such a nature as to show that candidates have had such

preliminary training or are possessed of such natural musical talent as will enable them to profit by the instruction given at the Conservatorium. No student will be admitted to any course of study who, in the opinion of the Director, is not qualified to benefit thereby.

All female students attending the Conservatorium are under the charge of the Lady Superintendent.

Forms of application for admission to the Conservatorium may be obtained from the Registrar of the University. When filled up they should be sent in at least seven days before the beginning of the term or half term, and must be accompanied by the Entrance Examination fee of 10s. 6d.

### **Examinations and Diplomas.**

At the end of each academical year each student is entitled to receive a report of progress signed by the Director.

Students who have completed a three years' course of study at the Conservatorium may present themselves for examination for the Diploma of Associate in Music.

### **Scholarships and Prizes.**

Ten Scholarships and five Prizes are offered for competition among Australian students of music.

### **Orchestra.**

A University Orchestra has been established for the practice of orchestral music by students and others, and the giving of concerts in the Elder Hall, &c.

The services of professional musicians will be retained to assist at rehearsals and performances.

Persons not studying at the Conservatorium may be admitted to take part in rehearsals and concerts on such conditions as may be laid down.

### **Library.**

A Library of Classical Compositions, including Full Scores, and miscellaneous writings on musical subjects, has been formed. The books and music are available to students for reference.

## STAFF.

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*Director* :—  
PROFESSOR JOHN MATTHEW ENNIS, Mus. Doc. (Lond.)

*Teacher of Composition* :—  
THE DIRECTOR.

*Teacher of the Organ* :  
THE DIRECTOR.

*Teachers of the Pianoforte* :—  
IMMANUEL GOTTHOLD REIMANN.  
BRYCESON TREHARNE, A.R.C.M.  
HERMANN KUGELBERG.

*Teachers of Singing* :—  
FREDERICK CHARLES BEVAN.  
MISS GULI HACK, A.R.C.M.

*Teacher of Violin* :—  
HERMANN HEINICKE.

*Teacher of Violoncello* :—  
HERMANN KUGELBERG.

*Teacher of Orchestral Playing* :—  
HERMANN HEINICKE.

*Teacher of Ensemble Playing (Chamber Music).*  
HERMANN KUGELBERG.

*Teacher of Theory of Music* :—  
THOMAS HENRY JONES, MUS. BAC.

*Teacher of French and Italian* :—  
STANISLAUS MARTIN LEDOCHOWSKI

*Teacher of Elocution* :—  
EDWARD REEVES.

*Teacher of Sight Singing* :—  
ARTHUR HERMANN OTTO.

*Lady Superintendent* :—  
MRS. J. S. WESTON.

## THE ELDER CONSERVATORIUM OF MUSIC.

### REGULATIONS.

- I. The following subjects may be taught in the Elder Conservatorium :—

#### PRINCIPAL SUBJECTS—

Harmony and Musical Composition  
 Pianoforte  
 Singing (Solo)  
 Organ  
 Harp  
 Violin  
 Violoncello  
 Other Orchestral Instruments.

#### SECONDARY SUBJECTS—

Theory of Music and History of Music  
 Sight Singing and Musical Dictation  
 Ensemble Playing  
 Orchestral Playing  
 Choral Singing

and such other subjects as come within the scope of a musical education.

- II. The Conservatorium shall be under the control of the Council of the University.
- III. The instruction of students shall be conducted by the Director and such Professors, Lecturers, and Teachers as the Council shall appoint.
- IV. A complete course of study shall extend over a course of not less than three academical years, and shall comprise at least one principal and one or more secondary subjects, which shall be specified by the student at the commencement of the course and approved of by the Director, but students may attend the Conservatorium and study one or more secondary subjects without taking a principal subject. Students may not, save by permission of the Director, change any of the specified subjects.

- V. At the end of their third year students may offer themselves for examination for the Diploma of Associate in Music in the subjects in which they have completed their course of study.
- VI. Students are required to undergo an entrance examination in the subjects they propose to study, in which examination they must satisfy the Director of their fitness for the specified course of study.
- VII. The academical year shall consist of three Terms. The first Term shall begin on the first Tuesday in March, and the third Term shall terminate on the second Tuesday in December in each year.
- Half Terms shall begin on the Monday nearest to the middle of each Term.
- The Council shall year by year fix the commencement of the second and third, and the termination of the first and second Terms, and there shall be two vacations of a fortnight each during the Academical year
- VIII. Scholarships may be established from time to time by the Council, or by private individuals, under such conditions as the Council may approve.
- IX. At the end of the year each student shall be entitled to receive a report of progress, signed by the Director.
- X. The undermentioned annual fees shall be payable in advance either in one sum or in proportionate instalments at the commencement of each term. Students entering at a half term must pay for a term and a half. The fee for the Choral Classes must be paid in one sum, at the time of entering.

Entrance Examination ... .. £0 10 6

- (a) For one Principal and one or more of the following Secondary Subjects to be approved by the Director. The Director shall in each instance determine the grade in which any student shall be placed.

Theory of Music and History of Music.  
Sight Singing and Musical Dictation.  
Ensemble Playing.  
Orchestral Playing.  
Choral Singing.

			Per Term.	Per Annum.
Advanced grade	...	...	£5 5 0	£15 15 0
Second grade	...	...	4 4 0	12 12 0

- (b) Additional Fees as specified below will be charged for the undermentioned subjects, which will not be taught unless classes for them are formed to the satisfaction of the Council :—

	Per Term.	Per Annum.
Elocution ... ..	£0 10 6	£1 11 6
Italian ... ..	0 10 6	1 11 6
French ... ..	0 10 6	1 11 6
German ... ..	0 10 6	1 11 6

- (c) For an additional Principal Subject :—

	Per Term.	Per Annum.
Advanced grade ... ..	£4 4 0	£12 12 0
Second grade ... ..	3 3 0	9 9 0

- (d) For examination for Diploma
- |                        |       |
|------------------------|-------|
|                        | 3 3 0 |
| For the Diploma ... .. | 2 2 0 |

- (e) For Secondary Subjects when not taken in conjunction with a Principal Subject :—

	Per Term.	Per Annum.
Theory of Music (Elementary and Junior grades) ...	£0 10 6	£1 11 6
Theory of Music (Intermediate and Senior grades) ...	1 1 0	3 3 0
Sight Singing and Musical Dictation ... ..	0 10 6	1 11 6
Ensemble Playing ... ..	2 2 0	6 6 0
Orchestral Playing ... ..	0 7 0	1 1 0
Choral Singing ... ..		10 6
Elocution ... ..	1 1 0	3 3 0
Italian ... ..	1 1 0	3 3 0
French ... ..	1 1 0	3 3 0
German ... ..	1 1 0	3 3 0

A student who discontinues for any period the study of the Principal subject, but continues the study of any Secondary subject or subjects previously taken in conjunction with it, shall be required to pay during the continuance of such study the fee prescribed under clause (e), for each such secondary subject.

- XI. The Council may authorise the holding of examinations in musical subjects, and the granting of Diplomas or Certificates of efficiency to candidates who shall comply with the requirements of such examinations.

- XII. The Regulations of the Elder Conservatorium allowed on the 6th April, 1898, are hereby repealed, but all students who studied a principal subject or subjects during the Third Term of 1904, may continue the study of the same principal subject or subjects at the same fees as they would have paid under the former Regulations, provided they re-enter during the First Term of 1905.

*Allowed 7th December, 1904.*

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## DIPLOMA OF ASSOCIATE IN MUSIC.

## REGULATIONS.

- I. The Examination for the Diploma of Associate in Music shall be held once in each year, during the month of November.
- II. To obtain the Diploma, candidates
- (a.) Must study, for at least three academical years, at the University of Adelaide, or at the Elder Conservatorium, one of the following principal subjects :—
1. Pianoforte Playing.
  2. Singing.
  3. Violin Playing.
  4. Violoncello Playing.
  5. Organ Playing.
  6. Musical Composition.
- (b.) Must pass an examination in that subject.
- (c.) Must pass an examination in the following secondary subjects :—
- (i.) Elements of Music.
  - (ii.) Harmony.
  - (iii.) Counterpoint.
- (d.) Must, unless the principal subject be Pianoforte Playing, play on the Pianoforte to the satisfaction of the Examiners, one piece selected from a list of pieces to be published each year, and scales and arpeggios in forms defined by schedules.
- III. Candidates who have passed the first year's examination for the degree of Bachelor of Music shall be exempted from the requirements of Regulation II. (c).
- Candidates may also be exempted from the requirements of Regulation II. (d), if they have already passed an examination in Pianoforte Playing which the Examiners consider to be an equivalent.
- \*IV. Candidates who make Pianoforte Playing, Singing, Violin, Violoncello, or Organ Playing their principal subject shall be required to perform *any piece or pieces or any portion thereof selected by the Examiners* from lists to be published each year. They shall also be required to undergo such other tests in Playing or in Singing as the Examiners shall require.

\* Allowed 3rd December, 1902.



V. Candidates who elect to be examined in Musical Composition must send to the Registrar, before the first day of November, a Musical Composition of such length as to occupy not less than ten minutes in performance.

It must show evidence of original thought.

It may be written for any instrument or combination of instruments, or may be a vocal composition with instrumental accompaniment.

Further, candidates will be required to pass an examination in :—

Harmony	} In not more than four parts.
Counterpoint	
Canon and Fugue	
Form in Musical Composition.	

VI. The names of successful candidates shall be arranged in alphabetical order.

Candidates who have satisfied the Examiners shall be designated Associates in Music of the University of Adelaide.

VII. The following fees and form of Notice and Certificate are prescribed—

Fee for the whole Examination	... ..	£3 3 0
Fee for the Diploma	... ..	2 2 0

*Forms of Notice to be sent to the Registrar by students of their intention to present themselves for examination.*

I,.....having studied.....  
as a principal subject at the { University of Adelaide } for three years, here-  
by give notice that I intend to present myself for examination for the Diploma  
of Associate in Music of the University of Adelaide, at the Examination in  
November, 190...

I desire to be examined in the following subject.....  
.....

I enclose the prescribed fee of £3 3s.

Signed.....

Dated this .....day of.....19.....

The Registrar,  
University of Adelaide.

The following Certificate, signed by the Professor of Music, the Director of the Elder Conservatorium, or such other person as the Council may from time to time appoint, shall accompany the Form of Entry :—

I certify that .....has studied.....  
 .....as a principal subject for three years, and that .....is qualified  
 to enter for the Examination for the Diploma of Associate in Music at the  
 University of Adelaide.

(Signed).....

Dated this.....day of.....

The Registrar,  
 University of Adelaide.

VIII. Schedules defining as far as may be necessary the range of the Examination shall be published each year.

*Allowed 18th September, 1900.*

### PASS LIST.

- 1900—Puddy, Maude Mary (Principal Subject—Pianoforte).  
 1901 { Parkinson, Charlotte Ethel Violet (Principal Subject, Pianoforte).  
       { Sayers, Alice Mabel (Principal Subject, Singing).  
       { Spehr, Francesca (Principal Subject, Singing).  
       { Whillas, Helen May (Principal Subject, Singing).  
 1902 { Hantke, Ethel Hilda Hedwig (Principal Subject, Singing).  
       { Manning, Hilda Mahala (Principal Subject, Pianoforte).  
 1903 { Davy, Ruby Claudia Emily (Principal Subject, Composition).  
       { Kemp, Marion Kirkwood (Principal Subject, Singing).  
       { Rudemann, Elsa Wilhelmine (Principal Subject, Singing).  
 1904 { Brüggemann, Martha Dorothy (Principal Subject, Singing).  
       { Hills, Walter Bedford (Principal Subject, Organ).  
       { Joyce, Kate (Principal Subject, Singing).  
 1905—Phipps, Charlotte Lucy Barkewell (Principal Subject, Composition).

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### DIPLOMA OF ASSOCIATE IN MUSIC.

#### DETAILS OF SUBJECTS FOR EXAMINATION IN 1906.

##### **Pianoforte.**

##### PRACTICAL WORK.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiners from the following list :—

Bach J. S. : Prelude and Fugue in C major (Book II. of the "Forty-eight)."

Beethoven : Sonata in E flat, Op. 81a.

Schumann : Sonata in G major (the first movement only).

Chopin : Two Etudes, Op. 10, No. 3, and Op. 10, No. 12.

Brahms : Scherzo, Op. 4.

2. To read at sight.
3. To extemporise, to modulate, and to transpose.
4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Pianoforte, and in each case, the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

#### PAPER WORK.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint--
  - (a) In two parts.
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th species.

#### Organ.

#### PRACTICAL WORK.

Each Candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiners, from the following list :—
  - Bach, J. S. : Prelude and Fugue in C major.
  - Mendelssohn : Sonata No. 4 (last movement only).
  - Hollins, Alfred : Concert Overture in C minor (Novello).
  - Rheinberger : Sonata in E flat minor, Op. 119.
  - Widor : Symphony No. 5 (First Movement only).
2. To read at sight.
3. To harmonize a given melody on the instrument.
  - To play from a figured bass.
  - To play from four-part vocal score, including C clefs.
  - To extemporise, to modulate, and to transpose.
  - To harmonize a given simple melody in four parts.

## 4. To qualify in Ear Tests:—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Organ, and in each case, the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

## PAPER WORK.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint—
  - (a) In two parts.
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th, species.
9. To answer questions on the construction and treatment of the organ.

**String Instruments.**

## PRACTICAL WORK.

Each candidate will be required—

1. To play one or more pieces, or any portions of them, selected by the Examiners from the following list:—

**Violin.**

Saint Saens: Concerto (Concertstück) in A major, Op. 20.  
 Wieniawski: Polonaise in A major.  
 Max Bruch: Concerto in D minor, Op. 44 (1st movement).  
 Bach: 1st and 2nd movements (Adagio, Fugue) from the 1st Sonata, for Violin alone, in G minor.  
 Tschaikowsky: Serenade Melancolique.

**Viola.**

Sitt, Hans: Concertstück for Viola (Donajowski).  
 Kreuz, Emil: Barcarolle from Concerto (Augener).  
 Hermann: Technische Studien, Op. 22, Nos. 5 and 7.

**Violoncello.**

Beethoven: Slow and last Movements from Sonata in C, Op. 102, No. 1.  
 Romberg: 1st Movement from Concerto in D.  
 Bach: Gavottes Nos. 1 and 2 and Gigue for Violoncello alone, from Suite 6 (Grutzmacher Ed.).  
 Servais: No. 4 from 6 Caprices, Op. 11.  
 Saint Saens: Concerto in A minor.

2. To transpose.
3. To read at sight.
4. To qualify in Ear Tests:—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Pianoforte and in each case, the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

### PAPER WORK.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint—
  - (a) In two parts.
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th species.
9. To construct an accompaniment for a second instrument of the same kind to a given melody.

### Singing

### PRACTICAL WORK.

Each Candidate will be required—

1. To sing one or more pieces selected by the Examiners from the following lists. Those pieces marked with an asterisk \* to be sung from memory.

N.B.—*All extracts from Operas and Oratorios to be sung in their original keys. The words may be original or translated, as preferred by the Candidate.*

#### SOPRANO.

- \* Bach : { Recit, "Although Mine Eyes" (St. Matthew).  
Aria, "Jesus Saviour" (Passion).
- \* Gluck : "Divinities du Styx" (Alceste).
- Weber : "Und of die Wolke" (Der Freischütz).
- Brahms : "O wüsst ich doch den Weg Zurück" (Peters 2504a).
- Wagner : "Elsa's Dream" (Lohengrin).

#### MEZZO SOPRANO.

- \* Mendelssohn : { Recit, "So they being filled with the Holy Ghost"  
(St. Paul).  
Arioso, "I will sing of Thy great mercies"  
(St. Paul).
- \* Schubert : Gretchen am Spinnrade
- Handel : { Recit, "Ye Sacred Priests"  
Aria, "Farewell ye Limpid Springs" } (Jephtha).
- Schumann : "Der Herrlichste" (The Noblest).
- Lotti : Pur dicesti.

## CONTRALTO.

- \* Bach, J. S. : "Sleep My Beloved" (Christmas Oratorio).
- \* Dvorak : "Inflammatus" (Stabat Mater).
- Sullivan : "Virgin Who Lovest the Poor and Lowly" (Golden Legend).
- Mercadante : "Ah s'estinto ancor mi vuvi" (Donna Caritea).
- Mackenzie : "Lo the King" (Rose of Sharon).

## TENOR.

- \* Handel : "His Mighty Arm" (Jephtha).
- \* Wagner : "Prize Song" (Die Meister Singer).
- Brahms : "Meine Liebe ist grün," Op. 63, No. 5.
- Mozart : "Oh! Cara Immagine" (Il flauto Magico).
- Schubert : Serenade (in D minor).

## BARITONE.

- \* Handel : "Thy Glorious Deeds" (Samson).
- \* Mendelssohn : "It is Enough" (Elijah).
- Wagner : { Recit, "Like Death's dark Shadow" (Tannhäuser).  
          { Air, "O Star of Eve" (Tannhäuser).
- Schubert : "The Linden Tree."
- Rubinstein : Der Asra.

## BASS.

- \* Handel : { Recit, "For Behold"  
          { Air, "The People that Walked in Darkness" } The
- \* Gounod : "She alone Charmeth my Sadness" (La Reine de Saba).  
Mozart : "Possenti numi" (Il flauto Magico).
- Shohr : "Tears of Sorrow" (Calvary).
- Schumann : "Die beide Grenadiere."

2. To read at sight.
3. To play on the Pianoforte an accompaniment, selected and prepared by the Candidate.
4. To qualify in Ear Tests :—

Candidates will be required to state the name or names of an Interval or Intervals within the limits of a major ninth played on the Pianoforte, and in each case, the name of one of the two notes forming the interval being supplied to the candidate, he will be required to state the name of the other.

In each case the two notes forming the interval will be sounded simultaneously and also immediately after one another.

## PAPER WORK.

5. To answer questions on the grammar of music.
6. To harmonize a given figured bass in four parts.
7. To harmonize a given simple melody in four parts.
8. Simple Counterpoint—
  - (a) In two parts.
  - (b) In three parts, one of which may be in the 2nd, 3rd, 4th, or 5th species.

TEST IN PIANOFORTE PLAYING FOR CANDIDATES WHO PRESENT  
THEMSELVES IN SUBJECTS OTHER THAN PIANO.

Each Candidate will be required to play the Major and Minor Scales and Arpeggios as prescribed for Candidates for the Lower Division of the School Examinations in the Practice of Music, and also one piece selected by the Candidate from the lists set forth for that Examination.

Candidates who have already passed any of the University Examinations in Pianoforte Playing (the Elementary Division of the Schools' Examinations excepted), will not be required to undergo this test.

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## RULES TO BE OBSERVED BY STUDENTS.

1. A Student on entering the Conservatorium must sign an agreement binding himself to keep all the rules of the Conservatorium, to obey those in authority, and to attend for study at least one year. The father or guardian of the student will be required to sign a minute of approval, and to give an undertaking to pay the fees for the year.
2. Arrangements for continuing or receiving lessons must be made through the Registrar of the University and not direct with the teacher.
3. Students intending to discontinue lessons must give notice of such intention at least one month before the end of a Term.
4. All fees are payable in advance.
5. Students are not allowed to receive lessons until a voucher has been produced to the teacher showing that their fees are paid.
6. Students must attend punctually at the hour appointed for their lessons, and must on no account absent themselves without a written explanation to the Director.
7. Strict silence must be observed by students while lessons are being given.
8. Students will not be allowed to bring their parents or friends to the class-rooms.
9. Teachers are not allowed, except by permission of the Director, to give lessons to pupils of the Conservatorium elsewhere than at the Conservatorium.
10. Students must attend such orchestral, vocal, or other classes as the Director shall deem essential for their progress.
11. Students, unless excused by the Director, must remain in the classroom forty minutes in addition to the time occupied by their own lessons.
12. No Student of the Conservatorium shall take part in any public concert or accept any public engagement without the sanction of the Director.
13. No Student of the Conservatorium shall publish any composition without the sanction of the Director.



14. A copy of all compositions published with the Director's sanction must be presented to the Library of the University.

15. As a mark of particular distinction advanced students may be permitted to give instruction in the Conservatorium under the supervision of their own Teachers. The authority for this privilege must emanate from the Director, and cannot be extended to Students after they have left the Conservatorium.

16. Any infringement or breach of Rules or any discreditable or improper conduct will subject the Student, at the discretion of the Board of Musical Studies, to dismissal from the institution.

CHAS. R. HODGE,

REGISTRAR.

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### TERMS, 1906.

First Term begins 6th March.

Half Term begins 16th April.

First Term ends 26th May.

Second Term begins 11th June.

Half Term begins 16th July.

Second Term ends 18th August.

Third Term begins 3rd September.

Half Term begins 22nd October.

Third Term ends 11th December.

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### ELDER SCHOLARSHIPS.

#### REGULATIONS.

- I. Scholarships shall be offered for competition among Australasian Students of Music.
- II. A Scholarship shall be tenable for three years, and shall entitle the holder to free tuition in one principal and one or more of the following secondary subjects, to be approved by the Director :—

Theory of Music and History of Music.  
 Sight Singing and Musical Dictation.  
 Ensemble Playing.  
 Orchestral Playing.  
 Choral Singing.

The principal subject of study shall be the subject for which the Scholarship was awarded. The period of tenure may be extended by the Council.

A person elected to a Scholarship who declines to accept the emoluments thereof by reason of being able to pay for his or her education, or for other sufficient reason, may bear the title of Honorary Scholar. In such a case the Council may direct that the funds of the Scholarship be devoted to assist deserving students to meet the cost of their musical education.

III. The subjects for which Scholarships will be awarded shall for the present be—

Singing (two Scholarships).  
 Pianoforte Playing (two Scholarships).  
 Violin Playing (two Scholarships).  
 Musical Composition (one Scholarship).  
 Organ Playing (one Scholarship).  
 Violoncello Playing (one Scholarship).

If a Scholarship in any subject be not awarded, the Council may award the Scholarship for another subject.

IV. Candidates for Scholarships shall undergo such examination as the Council may from time to time direct

V. Should none of the Candidates competing for a Scholarship show sufficient merit, the Scholarship may be left vacant until such time as the Council may direct.

VI. Successful candidates must, at the end of each Term, present to the Council a certificate of diligence and proficiency, in a form to be prescribed; and should such certificate be unsatisfactory, the Council may determine the tenure of the Scholarship on giving three months' notice to the holder. The Council may also summarily determine a Scholarship if in the judgment of the Council the holder be guilty of misconduct.

VII. No person may hold more than one of the Elder Scholarships at the same time.

VIII. The limits of age for candidates for these Scholarships shall be as follows :—

- Singing—17 to 24.
- Pianoforte Playing—12 to 18.
- Violin Playing—12 to 18.
- Organ Playing—12 to 19.
- Musical Composition—12 to 25.
- Violoncello—12 to 18.

IX. An examination fee of 10s. 6d. shall be paid by each candidate for a Scholarship.

X. The places at which examinations for Scholarships shall be held and the mode in which such examinations shall be conducted shall be such as the Council approve.

\* Allowed 7th December, 1904.

#### AWARDS.

- 1898 { Hamilton, Elsie Maude (Pianoforte).  
Thomas, Nora Kyffin (Violin).
- 1899 { Puddy, Maud Mary (Pianoforte).  
Pelly, Gwendoline Dorothy (Violin).  
Degenhardt, Clarence August John (Singing).  
Cooke, Florence Emmeline (Composition).
- 1900—Hantke, Ethel Hilda Hedwig (Singing).
- 1901 { Alderman, Eugene Horatio (Violin).  
Chenoweth, Maurice Clayton (Special for Tenor Voice).  
Parsons, Harold Stephen (Violoncello).  
Schäche, Florence Olga (Pianoforte).
- 1902 { Brüggemann, Martha Dorothy (Singing).  
Burnell, Norman Leslie (Composition).  
Jones, Brewster Hooper Jossé (Pianoforte).
- 1903 { Cowperthwaite, Winnifred Maud (Violin).  
McCarthy, Annie Grace Mabel (Singing).
- 1904 { Jürs, Carlien Ethel May (Pianoforte).  
Tonkin, Alfred Bertie (Violin).  
Homburg, Fritz, Honorary Scholar (Violoncello).
- 1905 { Puddy, Maud Mary (Composition).  
Short, John Gordon (Pianoforte).  
Klintberg, Hilda Mary (Singing).  
Savage, Harold Gilks (Special for Tenor Voice).

## ELDER CONSERVATORIUM FREE SCHOLARSHIP.

### RULES.

1. There shall be an annual scholarship to be called the "Elder Conservatorium Free Scholarship," which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The Scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without enquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have entitled to compete during that year for the scholarship.

## PRIZES.

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### Elder Conservatorium Prize.

#### AWARDS.

1902	{	Alderman, Eugene Horatio	}	} equal
		Puddy, Maude Mary		
1903		Jones, Brewster Hooper Josse		
1904	{	Chenoweth, Maurice Clayton	}	} equal
		Parsons, Harold Stephen		

This has been discontinued.

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### The Robert Whinham Prize for Elocution.

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these Rules, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The Prize shall be called the "Robert Whinham Prize."
2. The Prize shall be of the annual value of £5, and shall be competed for at a special examination in the third term of each year.
3. Only students of the Conservatorium who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The Prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it.

5. Candidates shall be examined in the following subjects :—
- (i.) Reciting.
  - (ii.) Reading at sight.
  - (iii.) Prepared Reading ; or  
Prepared Speaking (at the option of the candidate).
6. These rules may be varied from time to time by the Council.

*Made by Council 15th December, 1905.*

#### AWARDS.

- 1900—Edmeades, Marie.  
 1901—Burford, Emmie.  
 1902—Thomas, Ada Lilian Casley.  
 1903—Stuckey, Agatha Lucy.  
 1904—No candidates.  
 1905— { Weston, Alice Ruby } equal.  
           { Weston, Mignon Leonie }

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#### The Oratorio Prize.

A prize of five guineas, presented by Frank G. Tolley, Esq., B.A., LL.B., will be awarded annually to the best singer of oratorio music.

#### AWARDS.

- 1902—Hantke, Ethel Hilda Hedwig.  
 1903—Chenoweth, Maurice Clayton.  
 1904—Brüggermann, Martha Dorothy  
 1905—Edwards, Gladys Ruby.

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#### The Frederick Bevan Prize.

A prize of five guineas, presented by Frederick Bevan, Esq., Gentleman of H.M. Chapels Royal, will be awarded annually to the best piano forte accompanist of vocal music.

## AWARDS.

- 1902—Puddy, Maude Mary.  
 1903—Schäche, Florence Olga.  
 1904—Parkinson, Charlotte Violet Ethel, A.M.U.A.  
 1905—Williamson, Arthur Burton.
- 

**The Brookman Prize.**

A prize of five guineas, presented by the Hon. George Brookman M.L.C., will be awarded annually to the best performer on a stringed instrument played with the bow.

## AWARDS.

- 1902—Alderman, Eugene Horatio (Violin).  
 1903—Parsons, Harold Stephen (Violoncello).  
 1904—Cade, William.  
 1905—Delprat, Elizabeth Fransiska Carmen.
- 

**The Ennis Prize.**

A prize of five guineas, presented by Professor Ennis, Mus. Doc., will be awarded annually to the best performer on the Pianoforte.

## AWARDS.

- 1902—Puddy, Maude Mary.  
 1903—Parkinson, Charlotte Ethel Violet  
 1904—Jones, Brewster Hooper Josse.  
 1905—Henderson, Louise Koeppen.

The Oratorio, the Brookman, the Frederick Bevan, and the Ennis Prizes are open to students, not being holders of either Elder Scholarships in the Conservatorium, or of the Elder Conservatorium Free Scholarship, who have studied at least two years (not necessarily consecutive) at the Elder Conservatorium. The Prizes will be awarded by the Council on the recommendation of the Examiner or Examiners from time to time appointed by the Board of Musical Studies.

No student may obtain more than one of the above mentioned prizes in the same year nor will any prize be awarded to the same student a second time.

## LIST OF CONSERVATORIUM STUDENTS FOR 1905.

- |  |  |
|--|--|
| Ackland, Elizabeth Mina                | Correll, Richard                                 |
| Adams, Ruby Ethel                      | Cowell, Elsie Emily                              |
| Aldridge, Elsy Clara                   | Cowperthwaite, Florence                          |
| Andrews, Percival Henry                | Cowperthwaite, Winifred                          |
| Angas, Beryl Collins                   | Cox, Hilda Agnes                                 |
| Ayers, Florence                        | Cox, Leila Isabel                                |
| Ayers, Mabel                           | Craig, Mary Kathleen Napier                      |
| Ballans, Blanche                       | Crawford, Violet                                 |
| Barbour, Graemme Madowal               | Creswell, Hazel Thornton                         |
| Barley, Amy Ella Gertrude              | Creswell, Millicent                              |
| Bennett, Ruby Trix                     | Crowe, Margaret                                  |
| Bernstein, Beatrice                    | Darling, Gertrude                                |
| Best, Eva Mona                         | Dawson, Bessie                                   |
| Bevan, Isabella May                    | Dean, Sarah                                      |
| Bonnin, Ellen Stirling                 | Dean, Sarah Millicent                            |
| Bowen, Muriel Lois                     | DeCean, Mrs. G. K.                               |
| Bowering, Clara Violet                 | Dechert, Gertrude                                |
| Bowering, Frank                        | Deeble, Elizabeth                                |
| Bradley, Katherine                     | Delprat, Elizabeth Franziska Carmen              |
| Broadbent, Clara Violet                | Delprat, Elizabeth Theodora Joanna<br>Stoffelina |
| Brose, Ernest William                  | Dreghorn, Jean                                   |
| Brüggemann, Martha                     | Drew, Mrs. H.                                    |
| Bullock, Royden George                 | Drummond, Phemie                                 |
| Burden, Gertrude                       | Duff, Coralie                                    |
| Buring, Antoinette Hermine             | Duncan, Olive Amy Evelyn                         |
| Burnard, Renfrey Gershom               | Dunstan, Mildred                                 |
| Cade, William Richard                  | Edwards, Gladys Ruby                             |
| Campbell, Agnes Lucy                   | Evans, Florence                                  |
| Campbell, Jessie                       | Ferguson, Elsie Jean                             |
| Campbell, Katherine                    | Finch, Daisy                                     |
| Carne, Clarice Isobel                  | Finch, Emily                                     |
| Castle, Isabella                       | Fisher, Maurice Stephens                         |
| Cave, Annie Alma                       | Fitch, Harold                                    |
| Cave, Edmund                           | Flaherty, Annie                                  |
| Chaplin, Eric Stanley                  | Flett, Frances                                   |
| Chapman, Ada Beryl                     | Flett, Maggie Gertrude                           |
| Chapple, Mrs. C.                       | Flett, Myrtle Isobel                             |
| Checkett, Katherine                    | Formby, Mora                                     |
| Cheek, Muriel                          | Fotheringham, Max                                |
| Claughton, Eva                         | Fraser, Jessie                                   |
| Cleland, Mrs. W. L.                    | Freeman, Isabel                                  |
| Cocking, Ernest Lisle                  | Frinsdorf, Bertha                                |
| Coles, Mignonnette                     | Fry, Kathleen Hampson                            |
| Collison, Edith                        | Fulton, Hannah                                   |
| Colvin, Mrs. B. D.                     | Fulton, Jeannie                                  |
| Comley, Edith                          | Furner, Blanche                                  |
| Connor, Isabella de Courey             | Galt, Jessie                                     |
| Cooke, Florence Emmeline, Mus.<br>Bac. | Gardiner, Lily Stewart                           |



Garton, Mary  
 Gebhardt, Crystal  
 Gebhardt, Minna  
 Gepp, Mrs. H.  
 Gill, William Frederick  
 Glidden, Clara Ida  
 Glidden, Irene Mary  
 Godlee, Dorothy  
 Good, Mrs. J. E.  
 Goodall, Ada Annie  
 Gordon, Joan  
 Gordon, Lizzie  
 Gordon, Margaret Helen  
 Gordon, Sarah  
 Goss, Lucy Vera  
 Grandfield, Edith  
 Greenway, Eleanor  
 Griffiths, George Townsend  
 Gully, Evelyn  
 Hakendorf, Jens Martin  
 Hakendorf, Theresa  
 Hall, Ethel  
 Hall, Kate Winnifred  
 Hallack, Fannie Emily  
 Hanten, Blanche Mabel  
 Hanten, Clarice Roach  
 Hanten, Hilda Mary  
 Hantke, Sydney  
 Harder, Otilia Annie Louisa  
 Hargrave, Eileen  
 Harris, Sylvia  
 Hart, Marian Henthorn  
 Hawkings, Annie Grace Isabel (Mrs.)  
 Heming, Clara Judith  
 Henderson, Barbara  
 Henderson, Louisa Koeppen  
 Henderson, Winifred  
 Henty, Harry Herbert, jun.  
 Higginbottom, Dorothy  
 Higginbottom, Loveday  
 Hill, Hilda Mary  
 Hill, Lily  
 Hill, May  
 Hills, Walter Bedford  
 Hine, Clytie May  
 Hodge, Sylvia Beatrice  
 Holder, Kathleen Gladys  
 Homburg, Fritz  
 Homburg, Hansie  
 Horwood, Clara  
 Hughes, Gladys Annie  
 Hunt, Hilda Florence  
 Hunt, Maud Winifred  
 Hyett, Frederick George  
 Hyett, Margaret  
 Inman, Daisy Grace  
 Jackson, Elsie  
 Jacob, Denise Edmee Iris  
 Jacob, Dorothy Violet  
 Jacob, Mignonette Designes  
 Jacob, Reginald Frederick  
 Jacobs, Agnes  
 Jacobs, Gertrude Grace  
 James, Alice Mary  
 James, Doris  
 Jaunay, Irene  
 Jenkins, Richard Kirkhouse  
 Johnson, Mrs. E. Angas  
 Jones, Ivy Lillian  
 Jones, Brewster Hooper Josse  
 Jones, Sydney Herbert  
 Joyce, Kate  
 Jurs, Carlien Ethel May  
 Jurs, Florence  
 Jurs, Vera  
 Kemp, Marion Kirkwood  
 Kinderman, Gustav  
 Kinnish, Mary  
 Klintberg, Kilda Mary  
 Kohler, Lillian  
 Kollosche, Samuel  
 Krüger, Elsie  
 Krüger, Pixie  
 Lane, Clarice  
 Lavis, Hilda May  
 Lawrence, Martha Crossmann  
 Leitch, Mrs. Maggie M.  
 Lewis, Gertrude  
 Lewis, Marion Elizabeth  
 Limbert, Bertha Margaret  
 Lillecrapp, Beatrice  
 Lillecrapp, Frances  
 Lloyd, Helen May  
 Locke, Jessie  
 Lucas, Lillian  
 Lungley, Beatrice  
 McAlister, Mrs. E. J.  
 McColl, Elizabeth  
 Macdonald, Myra Maud  
 McEgan, Violet (Mrs.)  
 McEgan, Nellie  
 McEwin, John Oswald  
 McEwin, Mrs. J.  
 Mack, Elford Hamilton  
 McKirdy, Martha Jane  
 McLeod, Annie  
 Main, Daisy Isabel  
 Main, Lillian S.  
 Mark, Laura Ellen  
 Martin, Elizabeth Jean

- Martin, Emily  
 Martin, Ethel May  
 Martin, Hilda  
 Martin, Ivy  
 Martin, Roda Constance  
 Mattingly, Elsie Daisy  
 Mattinson, Muriel Ruby  
 May, Muriel Minnette  
 Measday, May  
 Meegan, John  
 Meller, Eva Ellison  
 Mellor, Barbara Willingale  
 Mellor, Mrs. J. F.  
 Mellor, Percival Willingale  
 Mellor, Stanley Charles  
 Mellor, Winifred  
 Melrose, Clarice Gwendoline  
 Menkens, Muriel  
 Miethke, Adelaide  
 Miley, Alice  
 Mitchell, John Robert  
 Moloney, Josephine  
 Moncrieff, Myrtle Hartley  
 Monk, Gladys  
 Moore, Ethel Daisy  
 Morris, Lydia Dora  
 Moulden, Frank Beaumont  
 Muirhead, Dorothy Mary Elizabeth  
 Nash, Edith Helen  
 Nicol, Winifred Phoebe  
 Nock, Ethel Stella  
 Nottle, Mary Katherine  
 Odlum, Mrs. J. H.  
 Ogden, Olive  
 O'Mahoney, Cormac  
 Ophel, Arthur James Burnell  
 Osborn, Mary Elizabeth  
 Otto, Arthur Hermann  
 Parkinson, Charlotte Violet Ethel  
 Phillips, Helen Young  
 Phipps, Charlotte Lucy Barkwell  
 Pooler, Angelina Leslie  
 Poulton, Mrs. B.  
 Prime, Herbert  
 Proud, Emily Dora  
 Puddy, Eric S.  
 Puddy, Maud Mary  
 Reed, Lucy Agnes  
 Reinecke, Kate Eleanor  
 Reinecke, May Ethel  
 Reynell, Carew  
 Reynell, Emily  
 Reynell, Gladys  
 Reynell, Lenore  
 Ridings, Ethel Rose  
 Rickards, Rosa Mary  
 Riggs, Elsie May  
 Roach, Mary  
 Roberts, Margaret Ethel  
 Roberts, Mary Constance  
 Robins, Renee  
 Rough, Ada Blanche  
 Rudall, Maude Bryce  
 Rudemann, Elsa Wilhelmine  
 Savage, Harold Gilks  
 Saunders, Mary  
 Searcy, Hilda  
 Shannon, Adelaide  
 Sharland, Nellie  
 Shierlaw, Edith Janet  
 Short, Eva Winifred  
 Short, John Thomas Gordon  
 Smith, Catherine Ellen Law  
 Smith, Jessie  
 Smith, Elsie May  
 Smith, Mabel Law  
 Solomons, Mrs. N.  
 Sparks, Dorrit  
 Spritch, Sabina Maud  
 Stevens, Gertrude Elsie  
 Stephenson, Isabelle Adeline  
 Stevenson, Winifred  
 Stirling, Nina  
 Stolz, Sabina  
 Stuckey, Agatha  
 Summerton, Florence  
 Susman, Muriel  
 Taylor, Gladys  
 Thomas, Ada Lilian Casley  
 Thomas, Genevieve  
 Thomas, Geoffrey Kiffin  
 Thomson, Winifred Smith  
 Tod, Ethel Mary  
 Todd, Dorothea Henthorn  
 Tolley, Mrs. A. E.  
 Tonkin, Alfred Bertie  
 Traynor, Olive Blanche  
 Trummer, Minnie Thompson  
 Turner, Ernest Albert  
 Turner, Horace Arthur  
 Uffindell, Alberta Ethelwynne  
 Uffindell, Ottilie Clare  
 Underwood, Gertrude  
 Van Senden, Maud Ermytrude  
 Ward  
 Verco, Constance Mary  
 Verco, Daisy  
 Verco, Kathleen  
 Verco, Olive Mary  
 Waite, Eva

Wallmann, Beatrice  
Warland, Jessie  
Warren, Mrs. C. H.  
Weber, Horace George Martin  
Wells, Florence Beatrice  
Weston, Alice Ruby  
Weston, Mignon Leonie  
Weston, Vivian Roy  
White, Florence  
Whiting, Edith  
Wicks, Violet Myrtle Shilley  
Wilcox, Ethel May

Wilcox, Myra Louise  
Will, Edith  
Williams, Francis, jun.  
Williams, Lulu  
Williamson, Arthur Burton  
Wilson, Jeanie Reid  
Wood, Edith Maud  
Wood, Irene Agnes  
Woolnough, Edith  
Wotton, Harry Hardess  
Wyhe, Doris  
Young, Selina Michell.

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# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1906.

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## PART IV.

### Public Examinations in Music.

LOCAL CENTRES AND OFFICERS.

PUBLIC EXAMINATIONS IN THE THEORY OF MUSIC.

PUBLIC EXAMINATIONS IN THE PRACTICE OF MUSIC.

*a.* LOCAL CENTRE EXAMINATIONS.

*b.* SCHOOL EXAMINATIONS.

# PUBLIC LOCAL EXAMINATIONS.

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## THEORY OF MUSIC—

Primary Division in June.

Junior and Senior Divisions in November.

## PRACTICE OF MUSIC—

All grades in November.

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## PERMANENT LOCAL CENTRES AND OFFICERS.

### SOUTH AUSTRALIA—

#### CLARE :

Chairman—Rev. Canon Webb, M.A. Hon. Secretary—Mr. Magnus Badger.

#### MOONTA :

Chairman—Mr. W. H. Uffindell. Hon. Secretary—Mr. S. R. Page.

#### PORT PIRIE :

Chairman—Mr. F. S. Delano. Hon. Secretary—Mr. B. H. Moore, B.Sc.

#### JAMESTOWN :

Chairman—Mr. H. Boucaut. Hon. Secretary—Rev. T. H. Frewin, M.A.

#### NARACOORTE :

Chairman—Mr. A. Attiwell. Hon. Secretary—Rev. R. Clark.

#### MOUNT GAMBIER :

Chairman—Mr. F. H. Daniel. Hon. Secretary—Mr. C. L. Spehr, LL.B.

### NEW SOUTH WALES—

#### BROKEN HILL :

Chairman—Mr. O. von Rieben. Hon. Secretary—Mr. Justin McCarthy.

### WESTERN AUSTRALIA—

#### CENTRE—PERTH :

Chairman—Hon. J. W. Hackett, M.L.C. Hon. Secretary—Mr. W. Ernest Cooke, M.A. Assistant Secretary—Mr. H. M. Joscelyne, B.A.

#### GOLDFIELDS CENTRE :

Hon. Secretary—J. Watson Brown, B.Sc., LL.B., Kalgoorlie.

#### SUB-CENTRE—ALBANY :

Chairman—Mr. C. McKenzie. Hon. Secretary—

NOTE.—Printed forms of entry may be obtained from the Registrar or the Local Secretaries; but all entries for Local Examinations should be made through the Local Secretary. No charge beyond the ordinary statutory fees will be made to local candidates.

## OF PUBLIC EXAMINATIONS IN THEORY OF MUSIC.

### REGULATIONS.

- I. Primary, Junior, and Senior Examinations in the Theory of Music shall be held annually in the City of Adelaide and at such Local Centres and other places as the Council may determine.
- II. Candidates shall be admitted to the Examinations without restriction as to age.
- III. At the Primary Examination every candidate shall be required to satisfy the Examiners that he has a knowledge of :—
  - Notes and Rests ; the F and G Clefs ; Time ; and Time Signatures ; Scales ; Key Signatures and Keys ; Intervals ; Inversion of Intervals ; Triads ; Meaning of Terms and Signs in common use.*
- IV. At the Junior Examination every candidate shall be required to satisfy the Examiners in
  1. *The subjects set forth for candidates in the Primary Division ; Transposition ; the Alto and Tenor C Clefs.*
  2. *Common Chords and their inversions ; Dissonant Triads and their inversions ; the Chord of the Dominant seventh and its inversions.*
  3. *The addition of three parts to a figured bass, limited to the chords named in paragraph 2.*
- V. At the Senior Examination every candidate shall be required to satisfy the Examiners in
  1. *Harmony.*
  2. *Counterpoint.*
  3. *History of Music.*
- VI. The Primary Examination shall be held during the month of June, at such time as the Council shall appoint. The Junior and Senior Examinations shall be held on or about the first Friday of November, or at such other time as the Council may appoint.

VII. Candidates must give notice of their intention to present themselves for examination at least one calendar month before the date fixed for the commencement of the Examination they desire to enter for. Each notice must be on a printed form, which may be obtained from the Registrar, or, in the case of Local Centres, from the Local Secretary; and must be accompanied by the fee appropriate to the Examination intended to be taken, or it will not be received.

VIII. The following are the fees to be paid by candidates :—

For the Primary Examination	...	...	£0 10 6
For the Junior Examination	...	...	1 1 0
For the Senior Examination	...	...	1 11 6

In no case will any fee be returned; but if, not less than seven days before the Examination, a candidate shall notify to the Registrar his intention to withdraw, the fee shall stand to his credit for a future Examination.

- IX. Candidates who have failed to give notice of their intention to present themselves for examination in due time, may give the notice to the Registrar at the University not later than fourteen days before the commencement of the Examination they desire to take, on payment by each such candidate of an additional fee of 10s. 6d.
- X. The names of successful candidates in the Primary Examination shall be arranged in one class in alphabetical order, and those in the Junior and Senior Examinations in two classes, in alphabetical order in each.
- XI. The list of successful candidates shall be posted at the University and shall state the last place of education from which each candidate comes.
- XII. Certificates shall be given to the successful candidates stating in which class they have been placed.
- XIII. Schedules defining as far as may be necessary the range of the Examinations shall be published in the month of January in each year.
- XIV. The Examinations shall be held only under the supervision of persons appointed by the Council.

**SCHEDULES DRAWN UP UNDER NO. XIII. OF THE FOREGOING REGULATIONS.**

**DETAILS OF SUBJECTS FOR 1906.**

**THEORY OF MUSIC.**

**PRIMARY DIVISION.**

At the Primary Examination every candidate shall be required to satisfy the Examiners that he has a knowledge of—

Notes and Rests; the F and G Clefs, including Transposition from one to the other; Time, and Time Signatures; Accent; Major Scales; Harmonic and Melodic Minor Scales; Intervals, and the Inversion of Intervals; Triads, including Common Chords and Dissonant Triads. Marks, Signs, and Words of Expression and Speed; Abbreviations and Embellishments in common use.

Fee, 10s. 6d.

Last day of entry, 1st May.

**JUNIOR DIVISION.**

The papers set in the Junior Division will be designed to test the candidates knowledge of—

1. The Rudiments of Music as required from candidates in the Primary Division; Transposition from one Key to another; the Alto and Tenor C Clefs.
2. Common Chords and their Inversions; Dissonant Triads and their Inversions; the Chord of the Dominant Seventh and its Inversions.
3. Four-part Harmony, consisting of the addition of Three Parts to a Figured Bass, limited to the following Chords:—  
Common Chords and their Inversions;  
The first Inversion of Diminished Triads

Text books recommended—

Davenport's "Elements of Music" and Stainer's Harmony Primer.  
Fee, £1 1s.

Last day of entry, 3rd October.

**SENIOR DIVISION.**

Senior candidates will be expected to show knowledge of the following subjects:—

1. The subjects required from candidates in the Junior Division; the Chromatic Scale.
2. HARMONY—  
Common Chords; Dissonant Triads; Chromatic Concords.  
Discords of the 7th and 9th (Diatonic and Chromatic).  
Chords of the Augmented 6th.  
Passing Notes, Suspensions.  
Four-part Writing:—  
The addition of Three Parts to a Figured Bass, limited to the Chords named in this paragraph.  
The Harmonization of Melodies.



## 3. COUNTERPOINT—

All species of simple Counterpoint in two parts.

## 4. HISTORY OF MUSIC—

A general knowledge of Musical History within the period 1500 to 1900.

## Text books recommended—

Bertenshaw's "Harmony and Counterpoint;" Banister's "Music";  
Macfarren's Harmony; Parry's "Summary of Musical History."

Fee, £1 11s. 6d.

Last day of entry, 3rd October.

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# THE UNIVERSITY OF ADELAIDE

IN CONJUNCTION WITH

## The Associated Board of the Royal Academy of Music and the Royal College of Music, London.

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### Public Examinations in the Practice of Music.

These Examinations are of two kinds—

- a. "Local Centre Examinations" conducted at Local Centres by an Examiner appointed for the purpose.

In these there are two grades, Intermediate and Advanced.  
See pages 309 to 326.

- b. "School Examinations" (intended to be preparatory to the Local Centre Examinations), also conducted at the same Centres by an Examiner appointed for the purpose.

In the School Examinations there are four divisions, Primary, Elementary, Lower, and Higher. See pages 327 to 350.

## Epitome.

### A LOCAL CENTRE EXAMINATIONS.

The Examination consists of two parts—

- \*1. Rudiments of Music paper,
2. The Practical Examination,

both of which *must* be taken by Candidates.

FEE (including Rudiments of Music) for one

Practical Subject ... .. 2 Guineas.

FEE for each additional Practical Subject  $1\frac{1}{2}$  Guineas.

\*NOTE.—Candidates who have passed either of the University Examinations in Theory of Music, are not required to take the Rudiments of Music paper, and are admitted to the Examination on payment of  $1\frac{1}{2}$  Guineas.

In these Examinations there are two grades,

INTERMEDIATE and ADVANCED,

formerly called Junior and Senior respectively.

Full particulars can be found on pages 309 to 326.

### B LOCAL SCHOOL EXAMINATIONS.

Candidates for these Examinations may be entered by any Teacher of Music or School, through any of the University Centres.

In these Examinations there are four divisions,

PRIMARY, ELEMENTARY, LOWER, and HIGHER,

so arranged as to be preparatory to the Intermediate grade of the Local Centre Examination.

Candidates for the Local School Examinations will *not* be required to work a Rudiments of Music Paper, but those in the Elementary Division *only* will be asked *viva voce* easy questions on the Grammar of Music.

FEEs.—Lower and Higher Divisions—For

each Practical Subject ... .. 1 Guinea.

Elementary Division—For each Practical subject ... .. 10s. 6d.

Primary Division—For each Practical Subject ... .. 7s. 6d.

For details see pages 327 to 348.

### GENERAL SCHOOL EXAMINATIONS

AND

### CLASS SINGING EXAMINATIONS

Can also be held. For details see pages 349 and 350.

### LAST DAY OF ENTRY.

For Rudiments.

For all Examinations in Practice. } 3rd October.

## PUBLIC EXAMINATIONS IN PRACTICE OF MUSIC.

## A.—LOCAL CENTRE EXAMINATIONS.

At each Centre the University has a Local Secretary, from whom copies of the Syllabus and Forms of Entry can be obtained. Candidates are required to send in their Form of Entry, properly filled up, to the Local Secretary not later than the advertised date.

Candidates who wish to be examined in Adelaide should communicate direct with the Registrar of the University.

The Examinations embrace

Pianoforte	Viola	Harp
Organ	Violoncello	Wind Instruments
Violin	Double Bass	Singing

The Examination for Candidates in these subjects consists of two parts, viz:—

- (1.) Rudiments of Music.
- (2.) Practical Examination.

*Both of which must be taken by all Candidates in Practical Subjects.*

Failure to pass in the Rudiments of Music will entail a loss of nine marks in the Practical Examination.

There are two Grades—Intermediate and Advanced.

There is no limit of age in either Grade.

Certificates will be awarded to successful Candidates, and will be of two kinds in each Grade. 1. Honour. 2. Pass. But a Pass Certificate only will be awarded in the Rudiments of Music.

These Certificates will not certify that the holders thereof are qualified to teach, or entitle them to append any letters to their names.

The names of all successful Candidates in the Local Examinations will be arranged alphabetically, under their respective Grades, in two Lists: 1. Honours; 2. Pass; and will appear in the Annual Report, with the names of their Schools and Teachers, provided this information is given on the form of application. *The Names of Teachers will in no case be made known to the Examiners before the final lists are published.*

The maximum number of marks obtainable in each Practical Subject is 150, of which 9 are awarded for passing in Rudiments of Music. A total of 103 will be required for a pass, and 130 for Honours.

The results of the Local Examinations will be made known to all Candidates as soon as possible after the Examiner has made his Report.

**Fees.**

For one Practical Subject and Rudiments of Music, 2 guineas.  
Additional Practical Subjects (each subject), 1½ guineas.

**The attention of Teachers and Candidates is drawn to the following:—**

(1.) All Candidates in Practical Subjects, unless specially exempted, must also present themselves in the Rudiments of Music.

Failure to pass in the Rudiments of Music will not prevent a candidate from proceeding to the Practical Examination, but will entail a loss of 9 marks

Candidates who have passed either of the University Examinations in Theory of Music are not required to take the Rudiments of Music paper. They will be admitted to the Practical Examination on payment of £1 11s. 6d. for each subject, and will be allowed the nine marks allotted to Rudiments of Music in the mark form of their practical subject.

(2). Candidates may bring up for examination the complete list of Exercises Studies, and Pieces given in the Syllabus for 1905 in place of that specified in the current Syllabus. Candidates are not allowed to select from two lists.

(3). When any particular Edition is hereafter quoted, it is intended solely as a means of identification, and its use is not compulsory. Any Edition will be accepted, but a Candidate bringing up a wrong study or piece will risk being thereby disqualified.

It is not necessary that Studies and Pieces should be played at the *exact* rate of Speed indicated by the Metronome numbers. Scales and Arpeggios should be played as rapidly as is consistent with accuracy and distinctness.

#### Rudiments of Music.

The Rudiments of Music Paper will comprise questions on Notes, Rests and Scales and Key Signatures, Intervals and Inversions, Staves and Clefs, Time Signatures, Meanings of Terms and Signs, and Simple Chords.

Three hours will be allowed for this Paper.

### LOCAL CENTRE EXAMINATIONS.

*For Candidates in Practical Subjects.*

Exact dates of Practical Examinations at individual Centres can be arranged only after the entries are complete.

#### PIANOFORTE.

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Excellence of Scales and Arpeggios ... ..	24
Accuracy as to Notes, Rests, marks of Legato and Staccato ...	21
Correctness of Fingering* ... ..	12
Strictness of Time and choice of Tempo (including Variation of Tempo where suitable) ... ..	15
Observance of Phrasing and Accent ... ..	18
Accuracy of Note-values in Part-playing ... ..	9
Variety and Gradation of Tone† ... ..	15
Quality of Touch ... ..	12
Discretion in use of Pedal ... ..	6
Reading at Sight‡ ... ..	9
—	
Total (Practical) ... ..	141
Rudiments of Music ... ..	9
—	
Total ... ..	150

\* Candidates are not compelled to adhere to the fingering marked in the pieces; any good practical fingering will be accepted.

† Exaggeration will entail a loss of marks.

‡ Blind Candidates will be required to repeat one or more phrases of four bars played by the Examiner as an alternative to sight reading.

**INTERMEDIATE GRADE (formerly Junior).**

I. Candidates must be prepared to play from memory the following Technical Exercises :—

**A.—MAJOR AND MINOR SCALES IN ALL KEYS.**

1. With each hand separately, extending through a compass of four octaves
2. With both hands together, separated by an octave. Compass, four octaves.

Minor scales to be in both harmonic and melodic forms.

All scales to begin with the highest or lowest note, as required.

**B.—CHROMATIC SCALES.**

Beginning on any note required,

1. With each hand separately. Compass, four octaves.
2. With both hands together, separated by an octave. Compass, four octaves.

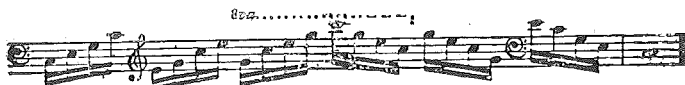
All scales to begin with the highest or lowest note, as required.

**C.—ARPEGGIOS.**

1. Arpeggios formed of all the major and minor common chords, extending through a compass of four octaves, with each hand separately, and with both hands together, one octave apart.
2. Arpeggios formed of the chord of the dominant seventh, with separate hands, extending through a compass of three octaves.
3. Any inversions of the above chords.

Arpeggios are not to be played with the thumb on the black keys, except in the keys of F sharp major and E flat minor.

The following is the form of arpeggio required :—



All arpeggios to begin with the lowest note.

II. Candidates must be prepared to play all the studies and pieces in any one of the following lists, the Examiners having the option to select either the entire compositions or portions of them. Candidates are not allowed to select from two lists :—

**LIST A.**

- Studies*—Steibelt, in C, Op. 78, No. 14.  
Handel, Allegro in D minor, Second Movement of Suite 10.  
Pauer, in A flat, Op. 68, No. 19.
- Pieces*—Beethoven, Rondo (Finale) from Sonata in E, Op. 14, No. 1.  
Mendelssohn, Lied ohne Worte, in D, Op. 30, No. 5.  
Chopin, Mazurka in C minor, Op. 30, No. 1.

**LIST B.**

- Studies*—Schmitt, in E, Op. 16, No. 42.  
Bach, Allemande in C minor, from Partita, No. 2.  
Loeschhorn, in F, Op. 195, No. 4.
- Pieces*—Haydn, Sonata in E flat, First Movement.  
(Peters, 713 A, No. 1.)  
Mozart, Menuetto in D. (Peters, 6.)  
Heller, No. 13, in D flat, of "Nuits blanches," Op. 82.

## LIST C.

*Studies*—Mayer, in A, Op. 168, No. 19.  
 Bach, Courante in E, from Suite Française, No. 6.  
 Heller, in G, Op. 16, No. 3.

*Pieces* — Mozart, Sonata in B flat, First Movement.

(Peters, 486, No. 4.)  
 Hiller, Marcia Elegiaca in D minor, Op. 55, No. 2.  
 Jensen, Barcarolle in A flat, Op. 33, No. 16.

## III. Candidates must be prepared to play at sight.

## ADVANCED GRADE (formerly Senior).

## I. Candidates must be prepared to play from memory the following Technical Exercises:—

## A.—MAJOR AND MINOR SCALES IN ALL KEYS.

1. With each hand separately, extending through a compass of four octaves.
2. With both hands together, separated by an octave, a third, a sixth, and a tenth. Compass, four octaves.  
 Minor scales, whether in octaves, thirds, sixths, or tenths, or with separate hands, to be in both harmonic and melodic forms.  
 All scales to begin with the highest or lowest note, as required.
3. In contrary motion, beginning with the key-note in both hands, and extending through a compass of two octaves.
4. In contrary motion, beginning with the key-note in the right hand, and the third of the scale in the left, and *vice versa*. Compass, two octaves.

Minor scales in contrary motion to be in the harmonic form only.

All scales in contrary motion to begin with the hands at their widest distance and approaching, or at their closest point and separating, as required.

## B.—CHROMATIC SCALES.

Beginning on any note required—

1. With each hand separately. Compass, four octaves.
2. With both hands together, separated by an octave, major or minor third, major or minor sixth, and major or minor tenth. Compass, four octaves.  
 All scales to begin with the highest or lowest note, as required.
3. In contrary motion, beginning with both hands in unison, and extending through a compass of two octaves.
4. In contrary motion, beginning with the two hands separated by the interval of a major or minor third or sixth. Compass, two octaves.  
 All scales in contrary motion to begin with the hands at their widest distance and approaching, or at their closest point and separating, as required.

## C.—ARPEGGIOS.

1. Arpeggios formed of all the major and minor common chords, extending through a compass of four octaves, with each hand separately, and with both hands together, one octave apart.

2. Arpeggios formed of all the chords of the dominant and diminished sevenths, extending through a compass of four octaves, with each hand separately, and with both hands together, one octave apart.
3. Any inversions of the above chords.

Arpeggios are not to be played with the thumb on the black keys except in the keys of F sharp major and E flat minor.

The following is the form of arpeggio required :—



All arpeggios to begin with the highest or lowest note, as required.

#### D.—STACCATO OCTAVE SCALES.

Major, minor, and chromatic scales in staccato octaves from the wrist, with each hand separately, and with both hands together in similar motion, one octave apart, extending through a compass of three octaves.

All scales to begin with the highest or lowest note, as required.

The use of the fourth finger (in English fingering, the third) on the black keys is not compulsory.

- II. Candidates must be prepared to play all the studies and pieces in any one of the following lists, the Examiners having the option to select either the entire compositions or portions of them. Candidates are not allowed to select from two lists :—

#### LIST A.

- Studies*—Clementi, in E, No. 76 of Gradus. (Peters, 147 C.)  
 Bach, Fugue in D minor, No. 6 of Book 2. (Peters, 1 B.)  
 Jensen, in C, No. 5 of Beautiful Past, Op. 8, Book 2.  
 (Augener, 8185 B.)
- Pieces*—Heller, No. 6, in F, of "Dans les Bois," Op. 86.  
 Beethoven, Largo in C, from Sonata, Op. 7.  
 Greig, No. 2, in G sharp minor, of "Humoresken," Op. 6

#### LIST B.

- Studies*—Hiller, in E minor, Op. 15, No. 4.  
 Clementi, in B flat, No. 5 of Gradus.  
 Bach, Gigue in F, from Suite Anglaise, No. 4.
- Pieces*—Mendelssohn, No. 2, in B minor, of "Characteristic Pieces," Op. 7.  
 Chopin, Nocturne in F sharp, Op. 15, No. 2.  
 Schumann, No. 11, in D, of "Papillons," Op. 2.

#### LIST C.

- Studies*—Czerny, in A, Op. 299, No. 26.  
 Bach, Allemande in E minor, from Partita, No. 6.  
 Moscheles, in A flat, Op. 70, No. 9.
- Pieces*—Hummel, Sonata in F minor, Op. 20, First Movement.  
 Mozart, Gigue in G.  
 Nicodé, Barcarolle in F. Sharp, Op. 13, No. 3.

- III. Candidates must be prepared to play at sight.



**ORGAN.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Excellence of Scales ... ..	12
Accuracy as to Notes and Rests ... ..	15
Precision with Feet and Hands combined ... ..	15
Legato playing ... ..	15
Precision in Stop-changing ... ..	9
Clear Part-playing ... ..	21
Clear Repetition ... ..	6
Phrasing ... ..	12
Strictness of Time and Choice of Tempo ... ..	15
Choice of Stops ... ..	6
Reading at Sight ... ..	15
	<hr/>
Total (Practical) ... ..	141
Rudiments of Music ... ..	9
	<hr/>
Total .. ..	150

**INTERMEDIATE GRADE (formerly Junior).**

- I. Candidates must be prepared to play any major, minor, or chromatic scale, the minor scales to be in both harmonic and melodic forms :—
1. With the hands alone, through a compass of three octaves.
  2. With the feet alone, through the full compass of the pedal-board, except that incomplete octaves will not be required.
- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them :—
- Studies*—Steggall Instruction Book for the Organ, Nos. 22, 36, 44. (Novello.)
- Pieces*—Rheinberger, Meditationen, Op. 167, Canzonetta in G minor. (Forberg.)
- Harwood, "Communion," Op. 15, No. 1. (Novello.)
- Bach, Præludium in G major, Peters' Edition, Vol. 8, No. 11.
- III. Candidates must be prepared to play at sight.

**ADVANCED GRADE (formerly Senior).**

- I. Candidates must be prepared to play any major, minor, or chromatic scale, the minor scales to be in both harmonic and melodic forms :—
1. With the hands alone, through a compass of three octaves.
  2. With the feet alone, through the full compass of the pedal-board, except that incomplete octaves will not be required.
  3. With feet and each hand separately, in contrary motion, compass one octave.
- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them :—

- Studies*—Bach, Sonata 1 in E flat, First Movement.  
 Brahms, Choral Vorspiel in A minor. (Fritsch, Leipzig.)  
 Boëly, Andante in G minor. (Angener, 8702.)
- Pieces*—Silas, Original Compositions for the Organ, No. 4 in A flat.  
 (Novello.)  
 Stanford, Prelude in form of a Minuet, Op. 88, No. 1.  
 (Houghton.)

III. Candidates must be prepared to play at sight.

**VIOLIN.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Posture—holding Violin and Bow ... ..	6
Excellence of Scales and Arpeggios ... ..	18
Intonation ... ..	21
Accuracy as to Notes and Rests ... ..	15
Production of Tone ... ..	15
* Dexterity of Fingering ... ..	9
Facility in varied Bowing ... ..	15
Strictness of Time and choice of Tempo (including Variation of Tempo where suitable) ... ..	9
Gradation of Tone ... ..	9
Phrasing and Accent ... ..	15
Reading at Sight ... ..	9
Total (Practical) ... ..	141
Rudiments of Music ... ..	9
Total ... ..	150

\* Candidates are not compelled to adhere to the fingering marked in the pieces; any good practical fingering will be accepted.

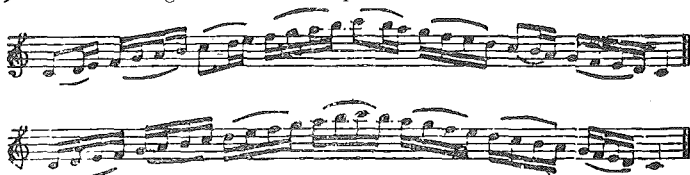
**INTERMEDIATE GRADE (formerly Junior).**

I. Candidates must be prepared to play from memory the following Technical Exercises :—

A.—MAJOR AND MINOR SCALES IN ALL KEYS,

extending through a compass of two octaves.

- (a) Detached bowing—one note to a bow.  
 (b) Slurred bowing—as in the examples below.



All minor scales to be in the harmonic and melodic forms.

B.—ARPEGGIOS.

Arpeggios of all major and minor common chords, commencing in each case on the root of the chord (one note to a bow). Compass, two octaves.

The following is the form of arpeggio required :—



- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them :—

*Studies*—Emil Kross, Etüden Album, Vol. 1. (No. 250, Bosworth.)  
 Mazas, No. 33, in D minor.  
 Spohr, No. 38, in C major.  
 Spohr, No. 40, in E flat.  
*Pieces*—F. David, Bunte Reihe, Books 2 and 3. (Novello.)  
 Barcarolle in F major, No. 11, Book 2.  
 Etude in G minor, No. 16, Book 3.  
 Mozart, Sonata for Piano and Violin in E minor, No. 4,  
 First Movement only. (Speidel & Singer.)

- II. Candidates must be prepared to play at sight.

N.B.—An accompanist must be provided by the Candidate, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

#### ADVANCED GRADE (formerly Senior).

- I. Candidates must be prepared to play from memory the following Technica Exercises :—

##### A.—MAJOR AND MINOR SCALES IN ALL KEYS.

- (a) Detached bowing—one note to a bow.  
 (b) Slurred bowing—seven notes to a bow, as follows :—



Major and minor scales of G, A, B flat, and B natural, to extend through a compass of three octaves; all other scales to be of two octave compass only. Each two octave scale to be played in one position and to commence with the second finger on the G string.

All minor scales to be in both harmonic and melodic forms.

##### B.—CHROMATIC SCALES.

- Slurred bowing—six or twelve notes to a bow—to commence on any note selected by the Examiners, and to be played either ascending or descending, as required. Compass, two octaves.

##### C.—ARPEGGIOS.

- Arpeggios formed of all the major and minor common chords, commencing in each case on the root of the chord.

The following is the form of Arpeggio required :—



Major and minor arpeggios of G, A, B flat, and B natural, to extend through a compass of three octaves; all other

arpeggios to be of two octaves compass only. Each two octave arpeggio to be played in one position, and to commence with the second finger on the G string.

II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them :—

*Studies*—Mazas, Etudes Brillantes, Op. 36, Suite 2. (Peters, 1819 B.)

No. 33, in E minor.

No. 42, in F major.

*Pieces* — Mackenzie, Benedictus. (Novello.)

Rehfeld, Spanischer Tanz, No. 5, Op. 47. (Laudy.)

Beethoven, Sonata for Piano and Violin in A major, Op. 30,

No. 1, Adagio molto espressivo only. (Cotta Edition.)

III. Candidates must be prepared to play at sight.

N.B.—An accompanist must be provided by the Candidate, and the Teacher may act as such ; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**VIOLONCELLO.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

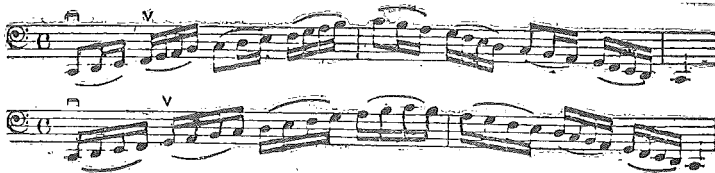
	Maximum Marks.
Posture—holding Violoncello and Bow	6
Excellence of Scales and Arpeggios	18
Intonation	21
Accuracy as to Notes and Rests	15
Production of Tone	15
Dexterity of Fingering	9
Facility in varied Bowing	15
Strictness of Time and Choice of Tempo (including variation of Tempo where suitable)	9
Gradation of Tone	9
Phrasing and Accent	15
Reading at Sight	9
<b>Total (Practical)</b>	<b>141</b>
Rudiments of Music	9
<b>Total</b>	<b>150</b>

**INTERMEDIATE GRADE (formerly Junior).**

I. Candidates must be prepared to play from memory the following Technical Exercises :—

a.—MAJOR AND MINOR SCALES UP TO FOUR SHARPS AND FOUR FLATS, compass two octaves.

- (a) Detached bowing—one note to a bow.
- (b) Slurred bowing—as in examples below.



Minor scales to be in melodic form.

## B.—ARPEGGIOS.

Arpeggios of the major and minor common chords of C, G, and D, commencing in each case on the root of the chord (one note to a bow). Compass, two octaves.

The following is the form of arpeggio required:—



II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them:—

*Studies*—Piatti, Méthode de Violoncello, Book 2, page 65, Allegro Moderato, four notes to a bow, and page 68, Allegro, separate bows. (Augener, 7778 B.)

Dotzauer, No. 8, from Quarante Etudes. (Augener, 7771.)

*Pieces*—G. Cervetto, First and Second Movements, from Sonata No. 2. (Augener, 5504.)

Old French Gavotte, from Vortragstudien, No. 43.

(Augener.)

Van Goens, Chant Elegiaque, Op. 45. (Schott.)

III. Candidates must be prepared to play at sight.

N.B.—An accompanist must be provided by the Candidate, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

## ADVANCED GRADE (formerly Senior).

I. Candidates must be prepared to play from memory the following Technical Exercises:—

## A.—MAJOR AND MINOR SCALES IN ALL KEYS.

Scales of C, D flat, D natural, E flat, and E natural to extend through a compass of three octaves, all others to be of two octaves compass only.

(a) Detached bowing—one note to a bow.

(b) Slurred bowing—seven notes to a bow.

Example—



Minor scales to be in harmonic form.

## B.—CHROMATIC SCALES.

Slurred bowing—six or twelve notes to a bow—to commence on any note selected by the Examiners, and to be played either ascending or descending, as required. Compass, two octaves.

## C.—ARPEGGIOS.

Arpeggios formed of all major and minor common chords, compass two octaves, commencing on the root of the chord.

The following is the form of arpeggio required:—



II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiners having the option to select the entire compositions or portions of them :—

*Studies*—Dotzauer, Nos. 1 and 2, from 24 Daily Exercises.

(Augener, 7770.)

Franchomme, Caprice, No. 1, Op. 7, Book 1.

(Augener, 5544 A.)

*Pieces* — Beethoven, Sonata in G Minor, No. 2, last Movement.

Max Bruch, Canzone. (Breitkopf & Hartel.)

Goltermann, Caprice Etude. (Schott.)

III. Candidates must be prepared to play at sight.

N.B.—An accompanist must be provided by the Candidate, and the Teacher may act as such ; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**VIOLA and DOUBLE BASS.**

If candidates for these instruments present themselves, lists of studies and pieces will be forwarded to them.

**HARP.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Excellence of Scales and Arpeggios ... ..	24
Accuracy as to Notes and Rests ... ..	21
Strictness of Time and Choice of Tempo (including variation of Tempo where suitable) ... ..	15
Observance of Phrasing and Accent ... ..	18
Variety, Gradation, and Balance of Tone ... ..	18
Quality of Touch and Power ... ..	12
Dexterity in use of Pedals ... ..	24
Reading at Sight ... ..	9
Total (Practical) ... ..	141
Rudiments of Music ... ..	9
Total ... ..	150

**INTERMEDIATE GRADE (formerly Junior).**

I. Candidates must be prepared to play from memory the following Technical Exercises :—

*A.*—MAJOR AND MINOR SCALES,

beginning on any Key-note, extending through a compass of two octaves, with each hand separately, and with both hands together, an octave apart.

All minor scales to be in the harmonic form.

*B.*—ARPEGGIOS,

formed of all the Major and Minor Common Chords and their Inversions, extending through a compass of two octaves, with each hand separately, and with both hands together, one octave apart.

II. Candidates must bring their own instrument, and be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them :—

*Studies*—Boehsa's "Introductory Exercises," Book 2, Nos. 16, 17, and 20. (Chappell.)

- Pieces*—Alvares, "Romances," Book 1, No. 1. (Hutchings & Romer.)  
 Dreyschock, "Nocturne." (Hutchings & Romer.)  
 Corelli, "Gigue and Gavotte." (Hutchings & Romer.)

III. Candidates must be prepared to play at sight.

**ADVANCED GRADE (formerly Senior).**

I. Candidates must be prepared to play from memory the following Technical Exercises :—

*A.*—MAJOR AND MINOR SCALES,

beginning on any Key-note, extending through a compass of three octaves, with each hand separately, and with both hands together, an octave apart.

All minor scales to be in both harmonic and melodic forms.

*B.*—ARPEGGIOS

formed of all the Major and Minor Common Chords, and Chords of the Dominant and Diminished Sevenths and their Inversions, extending through a compass of three octaves, with each hand separately, and with both hands together, one octave apart.

II. Candidates must bring their own instrument, and be prepared to play all the studies and pieces in the following list, the Examiners having the option to select either the entire compositions or portions of them :—

*Studies*—Bochsa's "Forty Studies," Book 2, Nos. 16, 17, and 19 (Chappell.)

*Pieces*—T. Labarre, "Rondo Pastorale." (Hutchings & Romer.)

Handel, "Harmonious Blacksmith." (Ashdown.)

Alvares, "Air hebreu de Philippopolis." (Hutchings and Romer.)

III. Candidates must be prepared to play at sight.

**WIND INSTRUMENTS.**

NOTE.—If Candidates for Wind Instruments present themselves, lists of studies and pieces will be forwarded to them.

**SINGING.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks
Excellence of Scales and Arpeggios	12
Vocalization and Flexibility	12
Correctness of Intonation	15
Accuracy as to Notes and Rests	6
Management and Control of Breath	9
Production and Quality	12
Precision and Neatness in Attacking and Quitting Sound	9
Blending the different Registers	9
Rhythm, Time, and Accent	9
Distinctness and Correctness of Pronunciation	9
Phrasing, Expression, and Variety of Tone	15
Recitative	9
Posture and Facial Expression	6
Reading at Sight	9
<b>Total (Practical)</b>	<b>141</b>
Rudiments of Music	9
<b>Total</b>	<b>150</b>

## INTERMEDIATE GRADE.

- I. Candidates must be prepared to sing from memory, at various degrees of speed, all the exercises in the forms given on page 323.
- II. Candidates must be prepared to vocalise all the exercises (on the Italian vowels A or O), and to sing all the pieces in one of the following lists, the Examiners having the option to select either the entire compositions or portions of them: (Candidates will be required to bring two copies of each of the exercises and pieces.)

*N. B.—All pieces with foreign words, and having an English translation, may be sung in English at the option of the Candidate.*

## SOPRANO.

*Exercises*—Panseron's 25 Vocalises. (Leonard.)

- No. 3, in A minor.  
No. 4, in C major.  
No. 8, in F major.

*Pieces*— Air, "Come unto Him." (Messiah.) (Novello's Edition of 12 Songs from Handel's Oratorios.)  
W. Sterndale Bennett, Song, "Dawn, gentle flower."  
Mackenzie, Song, "What does little birdie say?" (No. 2) Book II. of 18 Songs. (Novello.)

## MEZZO-SOPRANO.

*Exercises*—Concone's 50 Lessons for the medium part of the Voice. (Novello.)

- No. 6, in A minor and major.  
No. 12, in C major.  
No. 18, in A flat.

*Pieces*— E. German, Song, "Orpheus with his lute." (Novello.)  
C. H. H. Parry, Song, "My true love hath my heart."  
(English Lyrics, Set I., No. 1.) (Novello.)  
Gounod, Song, "When all was young" (in A). (Faust.) (Chappel.)

## CONTRALTO.

*Exercises*—Concone's 40 Lessons for Contralto. (Novello.)

- No. 1, in B flat.  
No. 2, in E flat.  
No. 14, in D flat.

*Pieces*— Mendelssohn } Recit., "And he journey'd." (St. Paul.)  
                          } Air, "But the Lord is mindful."  
Sullivan, "The Willow Song" (in E). (Metzler.)  
Old English Ballad, "The three ravens."  
(Chappell's New Edition.)



## TENOR.

*Exercises*—Panseron's 40 Exercises for Soprano or Tenor, Part I. (Novello.)

No. 2, in A minor.

No. 6, in E minor.

No. 7, in C major.

*Pieces*— Mendelssohn, Air, "Be thou faithful unto death." (St. Paul.)  
 W. Sterndale Bennett, Song, "Maiden mine." (Chappell.)  
 Battison Haynes, Song, "Heigh Ho!"  
 (No. 5 of Elizabethan Lyrics.) (Novello.)

## BARITONE.

*Exercises*—Panseron's 42 Exercises for Contralto, Baritone, or Bass, Part I. (Novello.)

No. 4, in F. major.

No. 5, in G major.

No. 6, in E minor.

*Pieces*— Mendelssohn { Recit., "I go on my way."  
 Air, "For the mountains shall depart." (Elijah.)  
 (Novello's Edition of the Baritone Part.)  
 Mozart, Serenade, "Deh vieni alla finestra."  
 ("Oh, come now to the casement."  
 (Novello's Edition of the Songs in  
 Don Giovanni, Book 4.)  
 Sullivan, Song, "O mistress mine." (Metzler.)

## BASS.

*Exercises*—Panseron's 42 Exercises for Contralto, Baritone, or Bass, Part I. (Novello.)

No. 1, in C major.

No. 2, in A minor.

No. 3, in F major.

*Pieces*— Handel, "Air, "How willing my paternal love." (Samson.)  
 (Novello's Edition of 12 Bass Songs from  
 Handel's Oratorios.)

Rossini, Air, "Pro peccatis." (Stabat Mater.)

Shield, Song, "Quaff with me the purple wine." (Boosey.)

## III. Candidates must be prepared to sing at sight.

N.B.—An accompanist must be provided by the Candidate, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

## SCALES AND ARPEGGIOS REQUIRED.

The following Exercises to be vocalised on A or O as per paragraph II., page 321, without accompaniment, in whatever keys are suitable to the compass of each voice, and at a moderate speed :—



## ADVANCED GRADE.

- I. Candidates must be prepared to sing from memory, at various degrees of speed, any major, minor, or chromatic scale (the minor scales to be in both harmonic and melodic forms), also arpeggios formed of all the major and minor common chords, and chords of the dominant and diminished sevenths and their inversions, in the forms given on page 326.
- II. Candidates must be prepared to vocalize all the exercises (on the Italian vowels A or O), and to sing all the pieces in one of the following lists, the Examiners having the option to select either the entire compositions or portions of them. (Candidates will be required to bring two copies of each of the exercises and pieces.)

*N. B.*—All pieces with Foreign Words, and having an English translation, may be sung in English at the option of the Candidate.

## SOPRANO.

*Exercises*—Panseron's 40 Vocal Exercises, Part I., for Soprano or Tenor.  
(Novello.)

- No. 7, in C.  
No. 8, in A minor.  
No. 9, in G.

*Pieces*— Handel { Recit., "Heed not these black illusions."  
{ Air, "The smiling dawn of happy days." (Jephtha.)  
(Novello.)

Haydn-Canzonet, "She never told her love," in A flat.  
(Novello's New Edition.)

Mozart, Song, "Voi che sapete." ("You, who have know-  
ledge.") (Book II. of Novello's Edition of Songs  
in "Le Nozze di Figaro.")

## MEZZO-SOPRANO.

*Exercises*—Bordogni's 24 Vocal Exercises for Mezzo-Soprano. (Novello.)

- No. 4, in D.  
No. 6, in E flat.  
No. 9, in G.

*Pieces*— Handel { Recit., "Ye sacred priests."  
{ Air, "Farewell, ye limpid springs." (Jephtha.)  
(Novello's Edition of 12 Songs for a Soprano  
from Handel's Oratorios.)

Berlioz, Song, "Absence" (in E flat.) (Schott.)

Durante, Arietta, "Danza, fanciulla." ("Come and dance,  
pretty child.") (Novello.) (Arranged by J.  
Stainer.)

## CONTRALTO.

*Exercises*—Concone's 40 Lessons for Contralto. (Novello.)

- No. 3, in A flat.  
No. 5, in A minor.  
No. 16, in D.

*Pieces*— Handel { Recit., "Some dire event."  
{ Air, "Scenes of Horror." (Jephtha.) (Novello.)

Mackenzie, Song, "Solitude." (Ricordi.)  
(No. 3 of Six Rustic Songs.)

Elgar, Song, "In moonlight." (In E flat.) (Novello.)

## TENOR.

*Exercises*—Panseron's 40 Vocal Exercises for Soprano or Tenor, Part I.  
(Novello.)

- No. 2, in A minor.  
No. 5, in G.  
No. 6, in E minor.

- Pieces*— Handel { Recit., "His hideous love." (Acis and Galatea.)  
 } Air, "Love sounds the alarm." (Novello.)  
 Mozart, "Aria, "Un aura amorosa." ("Cosi fan tutte.")  
 ("When one dear emotion.")  
 (Boosey's Tenor Album, page 190.)  
 Schubert, Song, "Ungehduld." ("Impatience.")  
 (No. VII. of Novello's New Edition of  
 "The fair maid of the mill.)

- Exercises*—Concone's 40 Lessons for Bass or Baritone. (Novello.)  
 No. 6, in F.  
 No. 19, in G.  
 No. 30, in E flat.

- Pieces*— Handel { Recit., "The good we wish for."  
 } Air, "Thy glorious deeds." (Samson.)  
 (Novello's Edition of 12 Oratorio Songs by  
 Handel for Baritone or Bass voice.)  
 Mendelssohn, Arioso, "For the mountains shall depart."  
 (Elijah.)  
 C. Hubert H. Parry, Song, "And yet I love her till I die."  
 (Novello.) (No. 2 of English Lyrics, 6th Set.)

## BASS.

- Exercises*—Panseron's 42 Exercises for Contralto, Baritone, or Bass,  
 Part I. (Novello.)  
 No. 21, in C minor.  
 No. 27, in F.  
 No. 29, in C.

- Pieces*— Handel { Recit., "I rage, I melt, I burn." (Acis and Galatea.)  
 } Air, "O ruddier than the cherry." (Novello.)  
 Schubert, Song, "The wanderer." (In E or E flat.)  
 C. Hubert H. Parry, Song, "Why so pale and wan?"  
 (No. 4 of English Lyrics, 3rd Set.) (Novello.)

## III. Candidates must be prepared to sing at sight.

N.B.—An accompanist must be provided by the Candidate, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

## SCALES AND ARPEGGIOS REQUIRED.

The following Exercises to be vocalized on A or O as per paragraph II., page 323, without accompaniment, to whatever keys are suitable to the compass of each voice, and at a moderate speed:—



## B.—SCHOOL EXAMINATIONS.

### Practice of Music.

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- I. *All Candidates must be entered by a School or Teacher of Music.*
- II. The School Examination will be arranged in circuits, and will be conducted by an Examiner appointed for the purpose.
- III. Names of Candidates can only be entered on Forms supplied by the Registrar or the Secretaries of local centres, and must be sent, with the Examination Fees, not later than the advertised date.
- IV. *Should it happen that the number of Candidates entered in any town or district is not sufficient to justify an Examiner being sent, the University reserves the power to decline to examine and to return the Examination Fees.*
- V. The School Examinations will, as a rule, be held at the School or at the residence of the Teacher entering Candidates; but should the number of Candidates be insufficient, or should the need otherwise arise, they may be required to attend some central place appointed by the University.
- VI. There are four Divisions in the School Examinations (Primary, Elementary, Lower, and Higher), the standard of which will be so arranged as to make them preparatory to the Intermediate—formerly Junior—Grade of the Local Centre Examinations.  
*Candidates may be entered in either Division, irrespective of age.*
- VII. In Singing there are three Divisions, viz., the Primary, the Elementary, and the Higher.
- VIII. In all matters the ultimate decision of the University must be accepted as final.
- IX. Only one Candidate at a time is allowed to be in the Examination Room; but, where desired, the Head of the School or the Teacher may appoint some one person to be present, provided such person be not the actual Music Teacher of the Candidate under examination.
- X. An accompanist when required must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.
- XI. To avoid all delay, the Higher and Lower Division Candidates should be ready to appear in succession before the Examiner, four in each hour, the Elementary Candidates, five in each hour, and the Primary Candidates, seven in each hour.
- XII. Schools and Teachers are required to provide the Room and Piano, or other Instrument, necessary for holding these Examinations. A Room and Piano will however be provided for Candidates who are not examined at their own School or Teacher's house. See clause V, above.
- XIII. Care should be taken that the Piano to be used by the Candidates is in proper tune and condition.

### School Examination Certificates.

XIV. "School Examination Certificates" will be awarded to successful Candidates specifying the Division in which they have been examined.

The Certificates in each Division will be of two kinds :

I. Pass.

II. Pass with Distinction.

XV. The maximum number of marks obtainable in each subject is 150, of which 100 will be required for a "Pass" Certificate and 130 for a "Distinction" Certificate.

XVI. The Examiner reports directly to the University, and is not allowed to give information as to the results of the examination to any other person or persons.

XVII. The head of a school or the teacher of music will be informed of the number of marks awarded under each specific head to each Candidate presented by him free of charge; but should this information be required a second time a fee of one shilling per subject will be charged in respect of each Candidate.

### FEES.

#### PRIMARY DIVISION.

Fee for each Practical Subject ... .. 7s. 6d.  
For Details see pages 329 to 332.

#### ELEMENTARY DIVISION.

Fee for each Practical Subject ... .. 10s. 6d.  
For Details see pages 333 to 338.

#### LOWER AND HIGHER DIVISIONS.

Fee for each Practical Subject ... .. 1 Guinea.  
For Details see pages 339 to 348.

#### GENERAL SCHOOL EXAMINATION.

Fee ... 3 Guineas for the first hour, and 1½ Guineas for each succeeding hour.  
For Details see page 349.

#### CLASS SINGING EXAMINATION.

Fee ... .. 1½ Guineas per class, irrespective of numbers.

All fees are payable in advance and must be forwarded with the form of entry sent by the head of the school or the teacher who presents Candidates for examination.

For Details see page 349.

### Special Certificates.

The University will grant a Special Certificate to any Candidate who has passed the Lower and Higher Divisions of the School Examinations and the Intermediate (or Junior) and Advanced (or Senior) Grades of the Local Centre Examinations in any one subject.

In Singing a Candidate must have passed in the two School Divisions and the Local Centre Examination in order to qualify for the above Certificate.

This Certificate will be granted on formal application.

**The attention of Teachers and Candidates is drawn to the following:**

(1.) The *written* examination in Rudiments of Music is not compulsory for candidates in any of the *School Examinations*, but candidates in the Elementary Division *only* will be examined *viva voce* in the Grammar of Music. See page 333.

(2.) Candidates may bring up for Examination the complete list of Exercises and Pieces given in the syllabus for 1905 in place of that specified in the current syllabus. Candidates are not allowed to select from two lists.

(3.) When any particular Edition is hereafter quoted, it is intended solely as a means of identification, and its use is not compulsory. Any Edition will be accepted, but a Candidate bringing up a wrong study or piece will risk being thereby disqualified.

(4.) It is not necessary that Studies and Pieces should be played at the *exact* rate of speed indicated by the metronome numbers. Scales and arpeggios should be played as rapidly as is consistent with accuracy and distinctness.

### PRIMARY DIVISION.

The PRIMARY EXAMINATIONS are intended to be preparatory to the ELEMENTARY DIVISION OF THE SCHOOL EXAMINATIONS.

The Examination will be confined to the following subjects:—

PIANOFORTE.

VIOLIN.

SINGING.

#### PIANOFORTE.

Candidates are informed that the marks obtained will be awarded under the following heads:—

	Maximum Marks.
Position of Hands and Arms ... ..	15
Movement of Fingers ... ..	18
Correctness of Scales ... ..	21
Correctness of Fingering ... ..	24
Strictness of Time ... ..	27
Accuracy as to Notes and Rests ... ..	27
Observance of Signs of Legato and Staccato ... ..	9
Observance of Signs and Terms denoting variety of Tone ... ..	9
Total ... ..	150

I. Candidates must be prepared to play the Exercises given on page 330 of Syllabus.

II. Candidates must be prepared to play *from memory* :—

Major Scales of C, G, D, F, and B flat, with separate hands only  
Compass, two octaves.

III. Candidates must be prepared to play the Studies and Pieces contained in any one of the lists given on page 331, the Examiner having the option to select either the entire compositions or portions of them. Candidates are not allowed to select from two lists.



## FINGER EXERCISES.

**RIGHT HAND ALONE.**  
1. 

**LEFT HAND ALONE.**  
2. 

3. 

4. 

## WRIST STACCATO EXERCISE.

5. 

With  
each hand  
separately  
only.

## TIME EXERCISES.

6. **R. H.** 

7. **L. H.** 

8. **R. H.** 

9. **L. H.** 

N.B.—The above Exercises can be obtained on separate sheets from the Registrar of the University or from the Honorary Secretaries in the Local Centres.

## LIST A.

- Studies*—Krug, in G, No. 32, "Short Practical Course." (Augener, 6200.)  
 Czerny, in C, Op. 599, No. 15.
- Pieces*—Bertini, Rondo in G, No. 3 of Douze petits Morceaux (without  
 Prelude.)  
 Chwatal, "Fairy Mayblossom," No. 48 of "Primula Series."  
 (Augener, 5882.)

## LIST B.

- Studies*—Krug, in C, No. 27 of "Short Practical Course."  
 (Augener, 6200.)  
 Bertini, in F, Op. 137, No. 12 (Study only). (Augener, 6080 A.)
- Pieces*—Müller, Allegretto in G, No. 3 of Uebungsstücke.  
 (Peters, 279, page 7.)  
 Reinecke, Arioso in F, Op. 206, No. 17. (Augener, 6341.)

## LIST C.

- Studies*—Pauer, in F, No. 6 of "Tutti Frutti." (Augener, 8292.)  
 Czerny, in G, Op. 599, No. 41.
- Pieces*—Diabelli, Sonatina in G, Op. 168, No. 2, First Movement.  
 (Augener, 6123 A.)  
 Reinecke, Minuet in F, Op. 206, No. 15.

## VIOLIN.

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Posture, holding the Violin and Bow ... ..	18
Production of Tone, Quality, and Power ... ..	30
Management of the Bow, equality of pressure and smoothness of changing ... ..	30
Intonation ... ..	45
Strictness of Time, Note and Rest Values ... ..	27
Total ... ..	150

I. Candidates must be prepared to play the following Technical Exercises :—

- Joachim Violinschule, Part I. A. (Schott.)  
 Key of D, Exercises Nos. 33 *a*, 33*b*, 34, 35.  
 Key of A, Exercises 43, 44.  
 Key of G, Exercises 59, 60.  
 Key of C, Exercise 69.

II. Candidates must be prepared to play the following Study and Piece :—

- Study*—Joachim Violinschule, No. 94, in G. To be played in the middle  
 of the bow only, with short wrist strokes.
- Piece*—Sonatine, No. 2, in G major. M. Hauptmann, Op. 10. First two  
 Movements. (Breitkopf & Härtel.)

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such ; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**SINGING.**

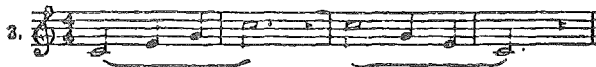
Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Exercises and Scales ... ..	36
Management and Control of Breath ... ..	24
Correctness of Intonation and Time ... ..	30
Distinctness and Correctness of Pronunciation ... ..	24
Phrasing, Expression, and Variety of Tone ... ..	36
Total ... ..	150

- I. Candidates will be required to sing the following Exercises and Scales (on the Italian vowel A) in any keys suitable to the compass of each voice :—



To be steadily sustained with a medium degree of force for five seconds.



- II. Candidates will be required to sing *one* Study and *one* Song.

**SOPRANO AND MEZLO-SOPRANO.**

*Study*—Banck, Singübungen, No. 10, in A major, Op. 64. (Peters, 2182.)

*Song*—An old English, Scotch, Irish, or Welsh Song selected by the Candidate.

**CONTRALTO.**

*Study*—Lütgen, Melodic Vocalises, No. 7, in D major. (Augener, 6794.)

*Song*—An old English, Scotch, Irish, or Welsh Song selected by the Candidate.

N. B.—The Study and Song may be sung in any key most suitable to the Candidate's voice.

N. B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**ELEMENTARY DIVISION.**

The ELEMENTARY EXAMINATIONS are intended to be preparatory to the LOWER DIVISION OF THE SCHOOL EXAMINATIONS.

The Examination will be confined to the following subjects :—

PIANOFORTE.  
VIOLIN.  
VIOLA.  
VIOLONCELLO.  
HARP.  
SINGING.

In the Examinations of the Elementary Divisions the questions (*viva voce*) on the "Grammar of Music" will be confined to the following heads :—

Value of Notes and Rests.  
Time Signatures, Simple and Compound.  
Key Signatures up to five sharps and five flats, major and minor.  
Terms and signs occurring in the Music preformed.

**PIANOFORTE.**

	Maximum Marks.
Knowledge of the Grammar of Music (see above) ... ..	18
Excellence of Scales and Broken-chord Passages ... ..	30
Accuracy as to Notes, Rests, and Signs of Legato and Staccato ... ..	39
Correctness of Fingering ... ..	21
Strictness of Time ... ..	24
Preparatory Exercises ... ..	18
Total ... ..	150

I. Candidates must be prepared to play the following Technical Exercises :—

*A.*—PREPARATORY EXERCISES.

Aloys Schmidt, "Preparatory Exercises" as far as No. 20.

*B.*—MAJOR SCALES.

In the keys of C, G, D, A, E, F, B flat, E flat, and A flat.

*C.*—MINOR SCALES.

In melodic form, in the keys of A, E, and D.

1. With each hand separately. Compass, two octaves.
2. With both hands together in similar motion, an octave apart. Compass, two octaves.

*D.*—BROKEN-CHORD PASSAGES.

Formed from the chords of C, G, and F major, and A, E, and D minor with each hand separately, as follows :—



N.B.—Scales and broken-chord passages must be played from memory.

- II. Candidates must be prepared to play the studies and pieces contained in any one of the following lists, the Examiner having the option to select either the entire compositions or portions of them. Candidates are not allowed to select from two lists.

## LIST A.

- Studies*—Duvernoy, in C, Op. 120, No. 1.  
Loeschhorn, in F, Op. 192, No. 9.  
*Pieces*—Beethoven, No. 1, in G, of Two Sonatinas, Second Movement.  
Reinecke, Menuetto in C, Op. 252, No. 16.

## LIST B.

- Studies*—Lemoine, in G, op. 37, No. 16.  
Bach, Prelude in C minor, No. 3, of "Douze Petits Préludes."  
*Pieces*—Clementi, Sonatina in C, Op. 36, No. 3, First Movement.  
Hüntten, Rondine in A, Op. 21, No. 4.

## LIST C.

- Studies*—Czerny, in C, Op. 139, No. 19.  
Bertini, in D minor, Op. 137, No. 13. (Study only.)  
*Pieces*—Hummel, Allegro in C, No. 2 of "Six Pièces Faciles," Op. 42. (Peters, 2097.)  
Gurlitt "Fête Champêtre," Op. 112, No. 3.

## VIOLIN.

Candidates are informed that the marks obtained will be awarded under the following heads:—

	Maximum Marks.
Knowledge of the Grammar of Music (see page 50) ... ..	18
Posture. Holding Violin and Bow ... ..	9
Excellence of Scales ... ..	27
Intonation ... ..	21
Accuracy as to Notes and Rests ... ..	27
Dexterity of Fingering ... ..	9
Strictness of Time ... ..	18
Preparatory Exercises ... ..	21
Total ... ..	150

- I. Candidates must be prepared to play the following Technical Exercises:—

- A. J. Joachim, *Violinschule*, Part I. A. (Schott), page 76, first six lines (four notes to a bow), last three lines as written.  
B. Major and melodic minor scales of G, A, and B flat (two octaves) to be played from memory: (a) one note to each bow; (b) four notes to each bow, as follows:—

(a)

(b)

- II. Candidates must be prepared to play the studies and pieces contained in the following list, the Examiner having the option to select either the entire compositions or portions of them :—

*Studies*—J. Joachim, *Violinschule*, Part I. A. (Schott.)  
No. 125a, in C major, page 80 (upper part only).  
No. 108, in G major, page 62.

*Pieces*—C. Herring, 16 *Petits Morceaux*. (Augener, No. 7392).  
No. 7, *Idylle*.  
No. 6, *A la Spaniola*.

NOTE.—Candidates will not be expected to play in any but the first position, and are not compelled to adhere to the fingering indicated in any of the selected pieces.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such ; but the accompanist may remain in the room only whilst actually engaged in accompanying.

### VIOLONCELLO.

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Knowledge of the Grammar of Music (see page 50) ... ..	18
Posture. Holding Violoncello and Bow ... ..	9
Excellence of Scales ... ..	27
Intonation ... ..	21
Accuracy as to Notes and Rests ... ..	27
Dexterity of Fingering ... ..	15
Strictness of Time ... ..	15
Preparatory Exercises ... ..	18
Total ... ..	150

- I. Candidates must be prepared to play the following Technical Exercises :—

A. O. Brückner, *Scale Studies*, Op. 4), Exercise 3, on A and D strings only, pages 6 and 7. (Augener, 7769 A.)

B. Major Scales of D and F (two octaves).  
Harmonic minor scales of D and C (one octave).

Scales to be played from memory, one note to a bow.

- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them :—

*Studies*—Schroeder, No. 1 and first twelve lines of No. 3, from *Kleine Etuden*. (Augener, 7779.)

*Pieces*—Dolmetsch, No. 1, from *Ten Pieces*, Album 20. (Novello.)  
G. Goltermann, "Trauer," Op. 118, No. 2. (Augener.)

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such ; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**VIOLA.**

If Candidates for this instrument present themselves, lists of studies and pieces will be forwarded to them.

**HARP.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Knowledge of the Grammar of Music (see page 50) ... ..	18
Excellence of Scales and Arpeggios ... ..	21
Accuracy as to Notes, Rests, and Signs of Legato and Staccato ... ..	27
Strictness of Time ... ..	18
Observance of Phrasing and Accent ... ..	9
Variety, Gradation, and Balance of Tone ... ..	9
Quality of Touch and Power ... ..	15
Dexterity in use of Pedals ... ..	15
Preparatory Exercises ... ..	18
Total ... ..	150

I. Candidates must be prepared to play the following Technical Exercises:—

*A.*—PREPARATORY EXERCISES.

Bochsa's "Préparation à l'Etude," Book 1, Nos. 43 to 50 (Ashdown).

*B.*—MAJOR SCALE.

In the key of C, with each hand separately. Compass, two octaves.

*C.*—BROKEN-CHORD PASSAGE.

Formed from the chord of C, with each hand separately, in the manner following:—



Scales and broken-chord passages must be played from memory.

II. Candidates must be prepared to play the studies and pieces contained in the following list, the Examiner having the option to select either the compositions or portions of them:—

*Studies*—Bochsa's "Pupil's Companion," Book 1, Nos. 6 and 7.  
(Ashdown.)

*Pieces*—Bochsa's "Sequel," Preludes and Lessons, Nos. 4 and 5.  
(Chappell.)

**SINGING.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Knowledge of the Grammar of Music (see page 50) ... ..	18
Excellence of Scales and Arpeggios ... ..	18
Production and Quality ... ..	18
Management and Control of Breath ... ..	15
Correctness of Intonation ... ..	18
Precision and Neatness in Attacking and Quitting Sound ... ..	15
Rhythm, Time, and Accent ... ..	15
Distinctness and Correctness of Pronunciation ... ..	15
Phrasing, Expression, and Variety of Tone ... ..	18
Total ... ..	150

I. Candidates will be required to sing the following Scales and Exercises (on the Italian vowels A or O), and besides the Song set down in the Syllabus, it is *obligatory* for all Candidates to sing a second Song of their own selection.

Exercises and Scales to be sung in any key within the compass of each voice with or without accompaniment, at the option of the Examiner.

**SOPRANO.**

*Exercises*—Concone's 50 Lessons for the Medium part of the Voice. (Novello.)

- No. 26, in D.
- No. 29, in A flat.



*Pieces* — Schumann, Song, "The Lady Bird" (Marienwürmchen), in F. (Chappell.) (No. 33 of the Repertoire of the Monday Popular Concerts.)

And another Song of the Candidate's own selection.

#### MEZZO-SOPRANO.

*Exercises*—Panseron's 25 Vocalises. (Leonard.)

No. 5, in G.

No. 7, in E minor.

*Pieces* — Mackenzie, Song, "The bird that sings in winter." (No. 5 of Six Rustic Songs.) (Ricordi.)

And another Song of the Candidate's own selection.

#### CONTRALTO.

*Exercises*—Concone's 40 Lessons for Contralto. (Novello.)

No. 24, in A flat.

No. 26, in F.

*Pieces* — Beethoven, "The Praise of God" (in A flat). (Boosey's Edition of Classical Songs.)

And another Song of the Candidate's own selection.

#### TENOR.

*Exercises*—Panseron's 25 Vocalises. (Leonard.)

No. 11, in F.

No. 18, in B flat.

*Pieces* — MacDowell, Song, "Thy beaming eyes" (in G). (Elkin & Co.)

And another Song of the Candidate's own selection.

#### BARITONE AND BASS.

*Exercises*—Concone's 40 Lessons for Baritone or Bass. (Novello.)

For Baritone { No. 17, in G.

{ No. 21, in F.

For Bass { No. 8, in B flat.

{ No. 11, in F.

*Pieces* — For Baritone—Buononcini, Song, "Love leads to battle." (Chappell.) (No. 29 of the Repertoire of the Monday Popular Concerts.)

For Bass—Mendelssohn { "A Hunter Song" (Jagdlied). (Novello.)  
 { In E (Transposed Edition); or  
 { may be sung in E flat.

And another Song of the Candidate's own selection.

All pieces with Foreign words and having an English translation may be sung in English, at the option of the Candidate.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**LOWER AND HIGHER DIVISIONS.**

The Subjects for Examination, in LOWER and HIGHER Divisions, will be :—

Pianoforte.  
Organ.  
Violin.  
Viola.  
Violoncello.  
Double Bass.  
Harp.  
Wind Instruments.  
Singing (Higher Division only).

**PIANOFORTE.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Excellence of Scales and Arpeggios	27
Accuracy as to Notes, Rests, Legato and Staccato	27
*Correctness of fingering	18
Strictness of Time and Choice of Tempo	18
Observance of Phrasing and Accent	18
Variety of Tone	9
Quality of Touch	9
Discretion in use of Pedal	9
Preparatory Exercises (Lower Division only)	} ... .. 15
Reading at Sight (Higher Division only)	
Total	150

**Lower Division.**

I. Candidates must be prepared to play the following Technical Exercises :—

*A.*—"PREPARATORY EXERCISES."

Aloys Schmitt's "Preparatory Exercises," as far as No. 33.

*B.*—MAJOR AND MINOR SCALES IN ALL KEYS.

1. With each hand separately. Compass, three octaves.
2. With both hands together, in similar motion, separated by an octave. Compass, three octaves.

All minor scales to be in the harmonic form.

*C.*—ARPEGGIOS.

Arpeggios formed of all the major and minor common chords, with each hand separately. Compass three octaves.

Arpeggios are not to be played with the thumb on the black keys, except in the keys of F sharp major and E flat minor.

\* Candidates are not compelled to adhere to the fingering marked in the pieces ; any good practical fingering will be accepted.

The following is the form of arpeggio required:—



N.B.—Scales and arpeggios must in every case be played from memory, beginning with the lowest note.

- II. Candidates must be prepared to play the studies and pieces contained in any one of the following lists, the Examiner having the option to select either the entire compositions or portions of them. Candidates are not allowed to select from two lists.

LIST A.

*Studies*—Berens, in C, Op. 61, No. 23.

Loeschhorn, in G, Op. 192, No. 21.

*Pieces*—Hummel, Polonaise in F, No. 8, of *Kleine Stücke*."

(Peters, 2097.)

Scharwenka, Gavotte in D minor, Op. 62, No. 6.

LIST B.

*Studies*—Czerny, in D, Op. 636, No. 23.

Loeschhorn, in C, Op. 192, No. 32.

*Pieces*—Mozart, Andante in C, from Sonata in G. (Peters, 486, No. 14.)

Theodor Kirchner, Albumblatt in F, Op. 7, No. 2.)

LIST C.

*Studies*—Bertini, in B minor, Op. 32, No. 6. (Angener, 6984.)

Gurlitt, in F, Op. 141, No. 15.

*Pieces*—Reinecke, Sonata in D, Op. 47, No. 2. First Movement.

Raff, "Fleurette," Op. 75, No. 1.

Candidates will not be required to read at sight.

**Higher Division.**

- I. Candidates must be prepared to play the following Technical Exercises:—

*A.*—MAJOR AND MINOR SCALES IN ALL KEYS.

1. With each hand separately. Compass, four octaves.
2. With both hands together, in similar motion, an octave apart. Compass, four octaves.

All minor scales to be in both harmonic and melodic forms.

*B.*—CHROMATIC SCALES.

1. With each hand separately, beginning on any note named by the Examiner. Compass, four octaves.
2. With both hands together, in similar motion, one octave apart, beginning on any note required. Compass, four octaves.

*C.*—ARPEGGIOS.

1. Arpeggios formed of all the major and minor common chords, with each hand separately. Compass, three octaves.
2. Arpeggios formed of all the major and minor common chords, with both hands together, in similar motion, one octave apart. Compass, three octaves.

3. Any inversions of the above chords.

Arpeggios are not to be played with the thumb on the black keys, except in the keys of F sharp major and E flat minor.

The following is the form of arpeggio required:—

*Sua* . . . . .



N.B.—Scales and arpeggios must in every case be played from memory, beginning with the lowest note.

II. Candidates must be prepared to play the studies and pieces contained in any one of the following lists, the Examiner having the option to select either the entire compositions or portions of them. Candidates are not allowed to select from two lists.

LIST A.

*Studies*—Loeschhorn, in F minor, Op. 66, No. 18.

Bertini, in A, Op. 29, No. 10.

*Pieces*—Haydn, Sonata in E flat, First Movement.

(Peters, 713 B, No. 12.)

Mendelssohn, Barcarolle in A major.

LIST B.

*Studies*—Loeschhorn, in C, Op. 194, No. 10.

Heller, Prelude in B, Op. 81, No. 11.

*Pieces*—Schumann, No. 1, in A, of "Bunte Blätter, Op. 99.

Jensen, "Sehnsucht," No. 5 of Op. 8, Book I.

LIST C.

*Studies*—Bach, Gigue in E, from Suite Française, No. 6.

Heller, in A minor, Op. 46, No. 16.

*Pieces*—Mozart, Presto (Finale) from Sonata in G. (Peters, 436, No. 14.)

Field, Nocturne in D minor, No. 13.

III. Candidates will be required to play an easy piece at sight.

**ORGAN.**

Candidates are informed that the marks obtained will be awarded under the following heads:—

	Maximum Marks.
Excellence of Scales	15
Accuracy as to Notes and Rests	18
Correctness of Fingering	15
Precision with Hands and Feet combined	15
Legato playing	15
Clear Part-playing	21
Clear Repetition	9
Strictness of Time and choice of Tempo	18
Choice of Stops	9
Preparatory Exercises (Lower Division only)	15
Reading at Sight (Higher Division only)	15
<b>Total</b>	<b>150</b>

**Lower Division.**

- I. Candidates will be required to play the following Preparatory Exercises :—  
Stainer's Organ Primer, Nos. 11, 12, 13, 37, and 40. (Novello.)
- II. Candidates must be prepared to play from memory any major, harmonic minor, and chromatic scale with the hands alone, compass three octaves, and with the feet alone, compass one octave.
- III. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them :—  
*Studies*—Stainer's Organ Primer, Nos. 58, 85, 92. (Novello.)  
*Pieces*—Steggall, Allegretto in G major, from Six Short and Easy Pieces. (Novello.)  
Bach, Pastorale in F major, Peters' Edition, Vol. 1.
- Candidates will not be required to play at sight.

**Higher Division.**

- I. Candidates must be prepared to play from memory any major, minor, and chromatic scale with the hands alone, compass three octaves, and, with the feet alone, over the whole range of the pedal-board, except that incomplete octaves will not be required.  
All minor scales to be in both harmonic and melodic forms.
- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them :—  
*Studies*—Steggall, Instruction Book for the Organ, Nos. 30, 41, 43. (Novello.)  
*Pieces*—Lemmens, "Adoration," in F, Christmas Offertorium. (Novello.)  
Mendelssohn, Sonata 1 in F minor, Adagio in A flat. (Novello.)
- III. Candidates must be prepared to play an easy piece at sight.

**VIOLIN.**

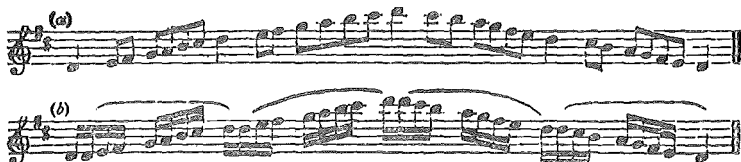
Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Posture. Holding Violin and Bow ... ..	9
Excellence of Scales ... ..	21
Intonation ... ..	21
Accuracy as to Notes and Rests ... ..	18
Production of Tone ... ..	18
*Dexterity of Fingering ... ..	9
Facility in varied Bowing ... ..	9
Strictness of Time and choice of Tempo ... ..	12
Gradation of Tone ... ..	9
Phrasing and Accent ... ..	9
Preparatory Exercises (Lower Division only) } ... ..	15
Reading at Sight (Higher Division only) }	
Total ... ..	150

\* Candidates are not compelled to adhere to the fingering marked in the pieces; any good practical fingering will be accepted.

**Lower Division.**

- I. Candidates must be prepared to play the following Technical Exercises:—
- A. O. Sevcik, Violin Method for Beginners, Op. 6, Heft 6, page 70, without additional keys; page 71, lines 1 to 11 (Bosworth.)
  - B. Major and melodic minor scales of G, A, B flat, B, C, and D (two octaves), to be played from memory; (a) one note to each bow; (b) eight notes to each bow as follows:—



- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them:—

*Studies*—Emil Kross, Album of Studies, Book 2. (Schott.)  
 No. 9, in D major. (C. de Beriot.)  
 No. 10, in A major. (C. de Beriot.)

*Pieces*—Giovanni Bononcini, Largo and Presto Assai. (Ashdown.)

Candidates will not be required to play at sight.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**Higher Division.**

- I. Candidates must be prepared to play from memory the following Technical Exercises:—

- A. All major and melodic minor scales (two octaves) as follows:—  
 (1) One note to each bow; (2) seven notes to each bow, thus:—



- B. Arpeggios of the major and minor common chords of G, A, B flat, B, C, and D, commencing in each case on the root of the chord, detached bowing (compass two octaves).

The following is the form of arpeggio required:—



II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them:—

*Studies*—J. Dont, 24 Exercises, Op. 37. (Augener, No. 7604.)  
No. 3, in A minor. (Two bows to each bar.)  
No. 4, in D minor.

*Pieces* — Andor Merkle, Berceuse. (Schott.)  
J. Harold Henry, Mazurka. (Laudy.)

III. Candidates will be required to play an easy piece at sight.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

### VIOLONCELLO.

Candidates are informed that the marks obtained will be awarded under the following heads:—

	Maximum Marks.
Posture. Holding Violoncello and Bow ... ..	9
Excellence of Scales ... ..	21
Intonation ... ..	21
Accuracy as to Notes and Rests ... ..	18
Production of Tone ... ..	18
Dexterity of Fingering ... ..	9
Facility in Varied Bowing ... ..	9
Strictness of Time and Choice of Tempo ... ..	12
Gradation of Tone ... ..	9
Phrasing and Accent ... ..	9
Preparatory Exercises (Lower Division only) } Reading at Sight (Higher Division only) }	15
Total ... ..	150

#### Lower Division.

I. Candidates must be prepared to play the following Technical Exercises:—

A. O. Brückner, Scale Studies, Op. 40, page 10 of Book I, on A and D strings only. (Augener, 7769 A.)

B. Major Scales of G, D, and B flat

Minor scales of E, C, and G. (Melodic form).

To be played from memory, compass two octaves—(a) one note to a bow; (b) two notes to a bow.

II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them:—

*Studies*—Dotzauer, Nos. 2 and 6, from Etuden für Violoncell, Book I.  
(Augener, 2531 A.)

*Pieces*—Siedentopf, No. 3, Op. 14, Book 2.

David, "Scherzo," from Album, S. Lee. (Augener, 7661 A.)

Candidates will not be required to play at sight.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**Higher Division.**

I. Candidates must be prepared to play the following Technical Exercises :—

Major scales of C, G, F, and B flat.

Melodic minor scales of A, E, D, and G.

To be played from memory, compass two octaves—(a) one note to a bow ; (b) four notes to a bow.

II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them :—

*Studies*—Schroeder, 12 Kleine Etuden, Nos. 10 and 11. (Augener, 7779.)

*Pieces*—H. Purcell, Sarabanda and Gavotte, from Album Antique, Book I (Augener, 7715 A.)

Goltermann, “La Foi.” (Schott.)

III. Candidates must be prepared to play an easy piece at sight.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such ; but the accompanist may remain in the room only whilst actually engaged in accompanying.

**VIOLA and DOUBLE BASS.**

If Candidates for these instruments present themselves, lists of studies and pieces will be forwarded to them.

**HARP.**

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Excellence of Scales and Arpeggios... ..	27
Accuracy as to Notes and Rests ... ..	27
Strictness of Time and choice of Tempo ... ..	18
Observance of Phrasing and Accent ... ..	9
Variety and Gradation of Tone ... ..	9
Quality of Touch and Power ... ..	18
Dexterity in use of Pedals ... ..	27
Preparatory Exercises (Lower Division only) } ... ..	15
Reading at Sight (Higher Division only) } ... ..	—
Total ... ..	150

**Lower Division.**

I. Candidates must bring their own instrument, and be prepared to play from memory the following Technical Exercises :—

A. C major and C minor scales, beginning on the key-note, and extending through a compass of two octaves, with each hand separately, and with both hands together, an octave apart.

The minor scale to be in the harmonic form.

B. Arpeggios on the common chords of C major and C minor, extending through a compass of two octaves, with each hand separately.

II. Candidates must be prepared to play the following Preparatory Exercises :—

Bochsa, “Préparation à L'Etude.” Book 2, Nos. 69 to 74. (Ashdown).



- III. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them :—

*Studies*—Bochsa's "Pupil's Companion," Book 2, Nos. 15 and 16.

(Ashdown.)

*Pieces* — Alvars, "Romances," Book 4, No. 23. (Hutchings & Romer.)

Hölzel, "Song without words." (Weekes.)

Candidates will not be required to play at sight.

#### Higher Division.

- I. Candidates must bring their own instrument, and be prepared to play from memory the following Technical Exercises :—

A. C major and C minor scales, beginning on the key-note, and extending through a compass of three octaves, with each hand separately, and with both hands together, an octave apart.

The minor scale to be in the harmonic form.

B. Arpeggios on the common chords of C major and C minor, and their inversions, extending through a compass of two octaves, with each hand separately, and with both hands together, an octave apart.

- II. Candidates must be prepared to play all the studies and pieces in the following list, the Examiner having the option to select either the entire compositions or portions of them :—

*Studies*—Bochsa's "Pupil's Companion," Book 2, Nos. 19 and 20.

(Ashdown.)

*Pieces* — Alvars, "Bulgarian Gipsy Dance." (Hutchings & Romer.)

Gatayes, "Romance." (Hutchings and Romer.)

- III. Candidates will be required to play an easy piece at sight.

### WIND INSTRUMENTS.

NOTE.—If Candidates for Wind Instruments present themselves, lists of studies and pieces will be forwarded to them.

### SINGING.

#### Higher Division.

(There is no Lower Division in this subject.)

Candidates are informed that the marks obtained will be awarded under the following heads :—

	Maximum Marks.
Excellence of Scales and Arpeggios	18
Production and Quality	15
Vocalization and Flexibility	9
Accuracy as to Notes and Rests	9
Management and Control of Breath	9
Correctness of Intonation	15
Precision and Neatness in Attacking and Quitting Sound	9
Blending the different Registers	9
Rythm, Time, and Accent	9
Distinctness and Correctness of Pronunciation	15
Phrasing, Expression, and Variety of Tone	18
Posture and Facial Expression	6
Reading at Sight	9
Total	150

- Candidates must be prepared to sing from memory any major and minor scales (the minor scales to be in both harmonic and melodic forms), at various degrees of speed, also arpeggios in the forms given on page 348.
- II. Candidates must be prepared to vocalise all the exercises given on page 348 (on the Italian vowels A or O), and to sing all the pieces in one of the following lists, the Examiner having the option to select either the entire compositions or portions of them.

N.B.—All pieces with Foreign words and having an English translation may be sung in English, at the option of the Candidate.

## SOPRANO.

*Exercises*—Concone's 50 Lessons. (Novello.)

No. 27, in G.

No. 30, in F.

*Pieces* — Mendelssohn { Recit., "So they being filled."  
Air, "I will sing of Thy great mercy" (St. Paul.) (Novello.)  
Schubert, Song, "Haiden-Röslein." ("Hedge roses").

## MEZZO-SOPRANO.

*Exercises*—Panzeron's 25 Vocalises. (Leonard.)

No. 2, in C.

No. 7, in E minor.

*Pieces* — E. MacDowell, Song, "The swan bent low to the lily." (No. 2 of Four Songs, Op. 56.) (Edition for High Voice.) (Elkin.)

Denza, Song, "Morning dreams" (in E flat). (Elkin.)

## CONTRALTO.

*Exercises*—Concone's 40 Lessons for Contralto. (Novello.)

No. 7, in D minor.

No. 15, in A.

*Pieces* — Sullivan, Song, "Love not the world" ("Prodigal Son.") (Boosey.)

Willeby, Song, "Summer rain" (in D, or D flat). (John Church.)

## TENOR.

*Exercises*—Concone's 25 Lessons. (Novello.)

No. 4, in A minor.

No. 15, in A flat.

*Pieces* — Schumann, Song, "Du bist wie eine Blume." ("Thou'rt like unto a flower") (in A flat). (Novello.)

Mackenzie, Song, "The time for wooing" (No. 4 of Six Rustic Songs.) (Novello.)

## BARITONE.

*Exercises*—Concone's 40 Lessons for Baritone or Bass. (Novello.)

No. 12, in C.

No. 22, in B flat.

*Pieces* — Rubinstein, Song, "On ev'ry leaf." ("Es blinkt der Thau.") (Chappell.) (No. 36 of the Repertoire of the Monday Popular Concerts.)

Sullivan, Song, "O mistress mine." (Metzler.)

## BASS.

*Exercises*.—Concone's 40 Lessons for Baritone or Bass. (Novello.)

No. 9, in F.

No. 27, in C.

*Pieces* — Handel, Air, "Honour and Arms." (Samson.) (Novello's Edition of 12 Songs for Baritone and Bass from Handel's Oratorios.)

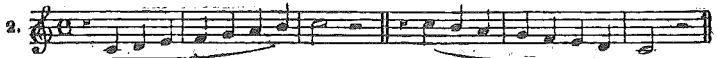
Grieg, Song, "The Poet's Heart." ("Des Dichter's Herz." (Album No. 467 B for Bass, Book II.) (Peters.)

III. Candidates must be prepared to sing an easy piece at sight.

N.B.—An accompanist must be provided by the Head of the School or the Teacher, and the Teacher may act as such; but the accompanist may remain in the room only whilst actually engaged in accompanying.

## SCALES AND ARPEGGIOS REQUIRED.

(To be transposed according to the Compass of the Voice, and to be sung at various degrees of speed, with or without accompaniment, at the option of the Examiner.)



## MELODIC MINOR SCALE.



## HARMONIC MINOR SCALE.



**GENERAL SCHOOL EXAMINATION.**

On application from Schools, a General School Examination will be provided.

The Examiner will be instructed to report upon any work presented to him, and may ask the students, individually or collectively, questions arising therefrom.

The fee is Three Guineas for the first hour, and One-and-a-Half Guineas for each succeeding hour. Not less than one hour will be taken.

Class Singing may be taken as a part of this Examination.

No individual results will be published, but a general Report will be made on each branch of Music.

*Attention is drawn to clauses IV. and V., page 327.*

**CLASS SINGING EXAMINATION.**

Any Teacher may enter a Singing Class for examination, whether the Teacher and Members of the Class are connected with any School or not.

The Fee is 1½ Guineas for each Class, *irrespective of numbers.*

A short general Report will be made to the Head of the School or Teacher by whom the Class is entered, and marks awarded under the following heads:—

	Maximum Marks
*1. Grouping of Voices ... ..	6
2. Performance of Voice Exercises ... ..	10
3. Volume of Tone ... ..	10
4. Quality of Tone ... ..	12
5. Balance of Parts ... ..	10
6. Maintenance of Pitch ... ..	12
7. Intonation ... ..	12
8. Articulation and Pronunciation ... ..	15
9. Breathing as connected with punctuation ... ..	10
10. Accuracy as to Notes, Rests, etc. ... ..	15
11. Expression and Conception of the Works performed ... ..	18
12. Sight-singing ... ..	15
Total .. ..	150

The marks awarded are intended to indicate the proficiency of the Class under each head, and are to be understood as constituting part of the Examiner's Report, not as implying the "passing" of the Examination by the Class or the reverse.

1. The Class must be prepared to sing the Voice Exercises† given on page 350 (to be sung on the Italian vowel A, except No. 1), which should be transposed into keys within easy compass of the voices.

2. The Class will be required to sing Two short Compositions of different character in two or more parts (previously prepared) and one Round in at least three parts.‡ In the case of mixed choirs (S.A.T.B.) a third Part Song will be accepted in lieu of the Round.

3. Sight-singing (Staff Notation). Two Tests will be given: one a simple one, the other of moderate difficulty.

N.B.—No individual will be expected to sing alone, but the different sections of the Class may, at the discretion of the Examiner, be taken separately.

\* Placing of the voices belonging to each part in the manner calculated to produce the best effect

† These Exercises can be obtained on separate Sheets from the Registrar of the University or from the Honorary Secretaries in the Local Centres.

‡ The School Round-Book (Bk. 90, Novello's School Songs) is recommended.

1. *Very slow.*

a e i o u a e i o u a e i o u

The Italian pronunciation must be used, and each note must be sustained throughout the changes from one vowel sound to another.

2.

Each note in Ex. 2 to be sustained for eight seconds, and to be sung with the following varieties of tone, viz.: *mf*, *f*, *ff*, *p*, *pp*, and  $\langle \rangle$ .

3.

4.

5.

6. *p = 100. MELODIC MINOR SCALE.*

7. *p = 100. HARMONIC MINOR SCALE.*

8.

9.

Attention is drawn to clauses IV. and V., page 327.

# ADELAIDE UNIVERSITY CALENDAR

FOR THE YEAR 1906.

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## PART V.

ANNUAL REPORT.

BALANCE SHEETS.

PASS LISTS.

LETTERS PATENT.

ACT OF INCORPORATION.

UNIVERSITY ACTS.

STANDING ORDERS OF SENATE.

# ANNUAL REPORT FOR THE YEAR 1905.

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To His Excellency Sir George Ruthven Le Hunte, K.C.M.G.,  
Governor in and over the State of South Australia and its  
Dependencies in the Commonwealth of Australia.

The Council of the University of Adelaide have the honour to  
present to your Excellency the following Report of the Proceed-  
ings of the University during the year 1905.

## I THE COUNCIL AND SENATE.

The Council deeply regret to record the death, in October last,  
of James Henderson, B.A., the first graduate of this University  
to be appointed a member of the Council. He was first elected  
a member of Council in 1889, and took a great interest in all  
matters connected with the University.

In November

The Hon. George Brookman, M.L.C.

Frederic Chapple, B.A., B.Sc.

James Richard Fowler, M.A.

Rev. Henry Girdlestone, M.A.

Edward Charles Stirling, C.M.G., M.A., M.D., F.R.S.

in conformity with the provisions of the University Act, ceased to  
hold office as members of the Council.

On the 22nd November the Senate re-elected those gentlemen  
to fill vacancies in the Council, and at a special meeting of the  
Senate held on the 13th December, William James Isbister, LL.B.,  
was elected to fill the vacancy caused by the death of Mr. Henderson.

The Senate on the 22nd November re-elected Frederic Chapple,  
B.A., B.Sc., to be Warden, and Thomas Ainslie Caterer, B.A.,  
Clerk of the Senate.

## II. THE OFFICERS.

The Council regret that Professor Salmond, Professor of Law,  
Mr. A. J. Higgin, Assistant Lecturer on Chemistry, and Dr. W.  
Anstey Giles, Lecturer on Otology, after several years valuable  
service resigned their positions.

Professor W. Jethro Brown, M.A., LL.D., Cantab., LL.D. and  
D. Litt., Dublin, has been appointed to the chair rendered vacant  
by the resignation of Professor Salmond, and Mr. William Ternent  
Cooke, D.Sc., has been appointed to succeed Mr. Higgin. A Lec-  
turer on Otology has not yet been appointed.

Mr. S. M. Ledochowski was appointed Teacher of French in the Elder Conservatorium.

### III. ADMISSION TO DEGREES.

#### SPECIAL CONGREGATION.

At a Special Congregation held on the 17th April the following undergraduates were admitted to Degrees :—

*To the Ordinary Degree of Bachelor of Arts :*

Hall, Charles Fisbourne.

*To the Honours Degree of Bachelor of Science :*

Kleeman, Richard Daniel

Robertson, Thorburn Brailsford.

*To the Ordinary Degree of Bachelor of Science :*

Giles, Nigel Stuart.

The undermentioned graduates of other Universities were at the same time admitted *ad eundem gradum* in this University :—

Jacomb-Hood, Robert Gordon, M.A., University of Cambridge

Tyas, Margaret Elizabeth, B.Sc., University of London

Robertson, William, M.B., University of Melbourne.

#### COMMEMORATION.

At the Commemoration held on the 13th December, the following undergraduates were admitted to Degrees :—

#### LAW.

*To the Degree of Bachelor of Laws :*

Campbell, James Way, B.A.

Colville, Arthur Landseer

Hargrave, Nathaniel John

Latty, Claude Percival

Martin, John Claude

Smith, James

Williams, Frank Laurie.

#### MEDICINE.

*To the Degree of Doctor of Medicine :*

Russell, Herbert Henry Ernest, M.B., Ch.B.

*To the Degrees of Bachelor of Medicine and Bachelor of Surgery :*

Brady, Albert Edward

Brummitt, Robert Douglas



Burnard, Eulalie Hardy Hanton  
 Curtis, Albert  
 Dawson, Dean  
 Hunn, William Morgan  
 McAree, John Victor  
 Russell, Walter Henry.

## ARTS.

*To the Degree of Master of Arts :*

West, Reginald Arthur, B.A.

*To the Honours Degree of Bachelor of Arts :*

## MATHEMATICS.

Darwin, Lisle Julius  
 Moyes, John Stoward.

*To the Ordinary Degree of Bachelor of Arts :*

Bennett, Frederick Norman  
 • Burnell, Reginald George  
 Dodwell, George Frederick  
 Lipsham, Kate Caroline  
 Miller, Raymond Orlando Maurice  
 Sanders, Isabel Mary  
 Schulz, Adolf John  
 Smyth, Isabel Agnes Ekin  
 Swan, Warren Alexander  
 Whitham, Annie Beatrice.

## SCIENCE.

*To the Degree of Doctor of Science :*

Cooke, William Ternent, B.Sc.

*To the Honours Degree of Bachelor of Science :*

## PHYSIOLOGY.

Fry, Henry Kenneth  
 Ellis, Annie Rita.

*To the Ordinary Degree of Bachelor of Science :*

Holden, Edward Wheewall  
 Phillipps, Herbert Tarlton  
 Trüdinger, Ronald.

The undermentioned graduates of other Universities were at the same time admitted *ad eundem gradum*:—

## ARTS.

Brauer, Herman Gustav Adolph, M.A., University of Wisconsin  
 Jose, Edward Salisbury, B.A., University of Oxford.

## SCIENCE.

Angus, William, B.Sc., University of Aberdeen.

The undermentioned graduates in Science were granted the  
 Diploma in Mining Engineering and Metallurgy :—

Cleland, William Lauder, B.Sc.  
 Heseltine, Frederick Augustus, B.Sc.  
 Judell, Lester Maurice Wolff, B.Sc.  
 Langdon, Reginald Yorke, B.Sc.  
 Wainwright, Charles Leonard, B.Sc.

## MUSIC.

*To the Degree of Bachelor of Music :*

Davis, Angelita Pintorcilla  
 Puddy, Maude Mary.

The Diploma of Associate in Music was conferred upon the  
 undermentioned candidate on the 11th December :—

Phipps, Charlotte Lucy Barkwell.

## IV. STATUTES AND REGULATIONS.

During the year the following Statutes and Regulations have  
 been made, amended, or repealed :—

## STATUTES.

Clauses 4 and 6 of Chapter XIV. of the Statutes "Of the  
 John Howard Clark Scholarship" repealed and new  
 Clauses substituted.

Chapter XXIX. "Of the affiliation of Roseworthy Agricultural  
 College," added to the Statutes of the University.

## REGULATIONS.

Regulations for the Degrees of Master of Arts, Bachelor of  
 Arts, and Doctor of Laws repealed and new regu-  
 lations substituted.

Regulation II. added to ne Regulations "Of the Degree of  
 Doctor of Science."

Clauses *a* and *c* of Regulation XII. "Of the Degree of  
 Bachelor of Science" repealed and new clauses sub-  
 stituted.

Regulation XIIIa added to the Regulations "Of the Degree of Bachelor of Music."

Regulation II. "Of the University Diploma in Applied Science and the Fellowship of the South Australian School of Mines and Industries," repealed and new regulation substituted.

Clause *d.* of Regulation V. "Of the Higher Public Examination" repealed and new clause substituted.

Regulations V. and VIII. "Of the Senior Public Examination" repealed and new regulations substituted.

Regulation V. "Of the Junior Public Examination," repealed and new regulation substituted.

Regulations "Of the Junior Commercial Examination" repealed and new regulations substituted.

Regulation II. "Of the Tennyson Medals," repealed and new regulation substituted.

#### V. NUMBER OF STUDENTS.

The number of undergraduates was 366, and 229 non-graduating students attended various lectures of the B.A. and B.Sc. courses and the Advanced Commercial course, of whom 52 attended from the School of Mines, and 32 from the Pharmaceutical Society.

#### VI. FACULTY OF LAWS.

The number of undergraduates studying for the LL.B. Degree was 41, and 5 non-graduating students have been preparing for certificates to enable them to practise in the Supreme Court.

Six students commenced the course for the LL.B. Degree.

A Stow Prize was awarded to Marmion Matthews Bray.

#### VII. FACULTY OF MEDICINE.

The number of undergraduates studying for the M.B. Degree was 54.

Sixteen students commenced the course for the M.B. Degree.

Ten completed the first year's course, 13 the second, 6 the third, 7 the fourth, and 8 the fifth.

An Elder Prize was awarded to Judah Leon Jona, a student of the second year. The prize for the first year was not awarded.

The Dr. Davies-Thomas Scholarships were awarded to Devon Parkhouse and Reginald John Verco (equal), students of the third year, and to William Ray, a student of the fourth year.

The Everard Scholarship was awarded to William Morgan Hunn.

Arthur Murray Cudmore, M.B., B.S., F.R.C.S., and Henry Simpson Newland, M.B., M.S., F.R.C.S., were re-appointed Demonstrators in Anatomy.

## VIII. FACULTY OF ARTS.

The number of undergraduates studying for the B.A. Degree was 195, including 11 evening scholars.

Thirty-five students commenced the course for the B.A. Degree.

The John Howard Clark Scholarship for proficiency in English Language and Literature was awarded to Adolf John Schulz and Lorna Maud Waterhouse (equal).

The Roby Fletcher Prize for Logic and Psychology was awarded to George Frederick Dodwell.

## IX. FACULTY OF SCIENCE.

The number of undergraduates studying for the B.Sc. Degree was 67, including 7 evening scholars.

Fifteen students commenced the course for the B.Sc. Degree.

In June last Mr. R. D. Kleeman resigned his position as Lecturer on Physics to the Evening Class, and Mr. H. J. Priest, B.A., B.Sc., was appointed in his place.

## X. FACULTY OF MUSIC.

The number of undergraduates studying for the Mus. Bac. Degree was 11. One student commenced the course.

At a Supplementary examination in March, 1 student completed the third year. In November, 2 students completed the second year's course, and 1 the third.

Two students passed the final examination for the Degree of Bachelor of Music.

## XI. ELDER CONSERVATORIUM OF MUSIC.

The number of students attending the Conservatorium during the year was 340.

Elder Scholarships at the Conservatorium were awarded to:—

Puddy, Maude Mary—Composition.

Short, John Gordon—Pianoforte.

Klintberg, Hilda Mary—Singing.

Savage, Harold Gilks—Singing (Special for Tenor voice.)

The following awards of Prizes were made:—

The Oratorio Prize—Edwards, Gladys Ruby.

The Brookman Prize—Delprat, Elizabeth Franziska Carmen

The Frederick Bevan Prize—Williamson, Arthur Burton.

The Ennis Prize—Henderson, Louise Koeppen.

The Robert Whinham Prize for Elocution—

Weston, Alice Ruby

Weston, Mignon Leonie } equal.

## XII. EVENING CLASSES.

Evening Classes were held in the following subjects:—Physics Part I., Inorganic Chemistry, Electric Engineering Part II., German (First Year and Second Year), English History, Economics, Logic, Applied Mathematics, Pure Mathematics (Second Year), Organic Chemistry (Practical), Biology, Accountancy, Business Practice, Commercial Law, and Microscopical Technique.

## XIII. PUBLIC EXAMINATIONS IN GENERAL EDUCATION.

At the Special Senior Public Examination in March, 43 candidates presented themselves, and 35 passed in various subjects.

At the Primary Examination there were 891 candidates, of whom 454 received certificates; at the Junior Examination 619 candidates, of whom 259 obtained certificates and 320 passed in fewer than five subjects; at the Senior Examination in November 426 candidates, of whom 132 obtained certificates and 235 passed in fewer than five subjects; at the Higher, or Scholarship Examination, 106 candidates, of whom 86 passed in various subjects.

During the year greater facilities for the formation of Local Centres were provided. Subject to the Rules and to the approval of the Public Examinations Board, Public Examinations may be held at any place where a Local Committee can be formed. In accordance with these provisions centres have been formed at Laura, Talia, Koolunga, and Yorketown.

## XIV. PUBLIC EXAMINATIONS IN MUSIC.

## THEORY OF MUSIC.

In the Primary Division 139 candidates presented themselves, and 118 passed. In the Junior Division 78 candidates presented themselves; 36 gained First Class Certificates, and 30 Second Class Certificates. In the Senior Division 25 candidates presented themselves; 5 gained First Class Certificates, and 14 Second Class Certificates.

## RUDIMENTS AND PRACTICE OF MUSIC.

In November and December, in accordance with the agreement with the Associated Board of the Royal Academy of Music and the Royal College of Music, London, Mr. S. P. Waddington, the Examiner of the Associated Board, conducted the examinations in the Practice of Music. The results were as follows:—

## SOUTH AUSTRALIA.

## RUDIMENTS OF MUSIC.

Seventy-four candidates presented themselves, of whom 60 passed.

## SCHOOLS' EXAMINATIONS.

In the Elementary Division 182 entered, and 168 passed. In the Lower and Higher Divisions 288 entered, and 234 passed.

## LOCAL CENTRE EXAMINATIONS.

In the Intermediate Grade 83 entered, 53 passed, and 4 obtained Honours.

In the Advanced Grade 80 entered, 54 passed, and 2 obtained Honours.

The Associated Board's gold medals for the highest number of marks obtained in the examination were awarded to Ethel Rose Ridings, and silver medals for the next highest number of marks were awarded to Gladys Ruby Edwards in the Advanced Grade, and Ivy Marie Basedow in the Intermediate Grade.

One candidate presented herself for the final Teachers' examination and passed.

## WESTERN AUSTRALIA.

## PRACTICE OF MUSIC.

Examinations were held in July and August at Perth and other centres. In the Schools' Examinations 128 entered, and 119 passed. In the Local Centre Examinations, 10 entered in the Intermediate Grade and 9 passed. In the Advanced Grade 15 entered, 12 passed, and one obtained Honours.

One candidate entered for the final Teachers' examination and passed.

The Council have decided not to renew the agreement with the Associated Board after it expires on the 31st December 1906, but to institute a system of University Examinations, which will come into operation in 1907.

XV. REPRESENTATION OF THE UNIVERSITY ON THE BOARD OF GOVERNORS OF THE PUBLIC LIBRARY, MUSEUM, AND ART GALLERY.

In October the Rev. David Paton, M.A., D.D., and Professor George Cockburn Henderson, M.A., were re-elected to represent the University on the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia.

XVI. REPRESENTATION OF THE UNIVERSITY ON THE BOARD OF MANAGEMENT OF THE ADELAIDE HOSPITAL.

William Thornborough Hayward, M.R.C.S., was re-elected to represent the University on the Board of Management of the Adelaide Hospital.

### XVII. ANGAS ENGINEERING EXHIBITION, HARTLEY STUDENTSHIP, AND UNIVERSITY SCHOLARSHIPS.

The Angas Engineering Exhibition was awarded to Louis Warnecke McNamara, and the Hartley Studentship to Joseph Leslie Glasson.

#### UNIVERSITY SCHOLARSHIPS.

Under the Education Department Regulations of 1893 the following recommendations for Entrance Scholarships were made for the year 1906 on the results of the Higher Public Examination in November:—Jacob Jona, William Lawrence Bragg, and Wilfred David Rosengarten.

#### EVENING SCHOLARSHIPS.

Under the same Regulations the following awards were made for 1905:—Angwin, William Britton; Arthur, John Andrew; Ashhurst, Amelia Elizabeth; Birks, Walter Raymond; Collins, Arnold William; Corry, Samuel Lloyd; Davis, David; Deeney, John Chrysostom; Dumas, Russell John; Ellis, Arthur Benjamin; Gardner, Edith Josephine; Holder, Sophia Ellen; Hübbe, Edith Ulrica; Lipsham, Kate Caroline; Neuenkirchen, Hermann Adolf Heinrich; Rischbieth, Oswald; Stephens, Lillian Mary Theakston; Thomas, Frank Emerson.

### XVIII. COMMERCIAL EDUCATION.

The attendance at the Commercial Classes has been large. Courses of Lectures on Commercial Law, Accountancy, Economics, and Business Practice were provided. In future the Course in Accountancy will extend over six terms, and will be given every two years. The Course on Business Practice will extend over three terms and will be given every year.

In accordance with the provision of the Fisher Statutes, that every alternate year a Lecture on some subject of Commerce, to be called the Joseph Fisher Lecture, shall be delivered at the University and subsequently be published, Mr. L. A. Jessop was invited and has consented to deliver the second lecture in April next.

The Chamber of Commerce gave their second donation of £25.

Special classes in Microscopical Technique were formed and well attended. Provision has been made for other classes, if required, in 1906.

Students attended lectures and passed examinations as follows:—

Commercial Law, 31 attended lectures and 15 passed.

Accountancy, 35 attended lectures and 11 passed.

Economics, 32 attended lectures and 19 passed.

Business Practice, 29 attended lectures and 18 passed.

Three students completed the course for the Advanced Commercial Certificate.

The Joseph Fisher Medal of Commerce was awarded to Herbert Edward Annells.

At the Junior Commercial Examination in December, 45 candidates presented themselves, of whom 24 obtained certificates.

#### XIX. EXTENSION LECTURES.

During the year the following courses of Extension Lectures were given at the University :—

Three lectures on "Sir George Grey," by Professor Henderson ; three lectures on "Radium," by Professor Bragg ; three lectures on "The Great Composers—Handel, Mozart, and Schumann," by Professor Ennis ; and three lectures on "The Geology of the Mount Lofty Ranges," by Mr. W. Howchin.

Professor Henderson repeated his course at Glenelg, and Mr. Howchin his course at Mount Barker.

The following courses will be given at the UNIVERSITY in 1906 :—Three lectures on "Poets of the 19th Century—Wordsworth, Tennyson, and Browning," by Professor Henderson ; and three lectures on "Radio-activity," by Professor Bragg.

#### XX. INVITATIONS TO CONGRESSES AND CELEBRATIONS.

During the year the Council received invitations to send representatives to the undermentioned Congresses :—

1. First International Congress of Radiology and Ionisation held at Liege, Belgium.
2. International Congress of the World's Economic Expansion, held at Mons, Belgium.
3. Fifth International Congress for Gynaecology and Obstetrics, held at St. Petersburg, Russia.
4. Medical Congress to be held at Lisbon in April, 1906.

John Raymond Wilton, B.Sc., attended the Congress at Liege as a representative of the University of Adelaide, and John Warren Bakewell, M.A., was nominated to represent the University at Mons. The University was unable to be represented at St. Petersburg.

Members of the University have also been invited to attend the celebrations in connection with the jubilee of the University of Melbourne in April next. Professor Rennie, M.A., D.Sc., has been appointed the official Representative of this University.



## XXI. SCIENCE RESEARCH SCHOLARSHIP.

The Royal Commissioners of the Exhibition of 1851, on the nomination of the Council appointed Richard Daniel Kleeman, B.Sc. to the Scholarship.

## XXII. TATE MEMORIAL MEDAL.

The Tate Medal for the best original work on the Geology, Palæontology, or Mineralogy of any part of Australia, was not awarded.

## XXIII. UNIVERSITY LIBRARY.

Valuable additions have been made to the Library during the year. It now contains about 19,000 volumes.

## XXIV. AFFILIATION OF ROSEWORTHY AGRICULTURAL COLLEGE.

During the year application was made for the affiliation of the Roseworthy Agricultural College to the University. This application was approved by the Council, and the necessary Statute has been made.

## XXV. AUSTRALASIAN MEDICAL CONGRESS.

The seventh session of the Australasian Medical Congress, under the presidency of Professor Stirling, C.M.G., M.A., M.D., F.R.S., was held at the University in September.

## XXVI. DENTAL CLASSES.

During the year the Council were requested by the Dental Board to provide elementary classes in certain subjects for apprentices in Dentistry. A scheme was prepared by the Council and the Dental Board, and the classes will begin in the first term of 1906. Although the provision made will be only sufficient to satisfy the requirements of the Dental Board so far as apprentices are concerned, it is hoped that a complete School of Dentistry will be hereafter established.

## XXVII. TRAINING OF PUBLIC SCHOOL TEACHERS.

In order to give full effect to the scheme entered into some years ago by the University and the Government, the Council requested the Minister of Education to provide a practising school to complete the training of teachers on the practical side. The scheme was favourably received by the Minister, but a definite result has not yet been attained.

## XXVIII. EXAMINATIONS AND THE EXHIBITION BUILDING.

The Minister of Education granted the use of the Exhibition building for the Examinations in November, as, in consequence of

the large number of candidates presenting themselves, the accommodation in the University was inadequate.

#### XXIX. DONATION FROM PHARMACEUTICAL SOCIETY.

In March the Pharmaceutical Society of South Australia wrote expressing their appreciation of the assistance which the University renders in the interests of Pharmacy, and forwarding a first donation of seven guineas to be applied to any fund the Council might deem desirable.

#### XXX. ACCOUNTS.

An abstract, duly audited, of the income and expenditure during the year 1905, is annexed to this Report. There is also a further statement, showing the actual position of the University with respect to its property, funds, and liabilities at the close of 1905.

Signed on behalf of the Council,

S. J. WAY,  
Chancellor.

Adelaide, January, 1906.

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# Financial Statements,

1905.

## THE UNIVERSITY

*Account of Income and Expenditure for the year which ended on the 31st  
and 38 Victoria*

	£	s.	d.	£	s.	d.
<i>Balances—</i>						
In Bank of Adelaide on 1st January, 1905 (Current Account) ... ..	208	2	2			
In hands of Agent-General on 1st January, 1905	279	10	7			
In hands of Accountant ... ..	25	0	0			
				512	12	9
<i>Income—</i>						
H.M. Government subsidy on endowments ...				6,639	8	0
<i>FEES:—</i>						
Schools of Arts and Science Schools, including Evening Classes and Public Examinations ...	3,480	17	7			
Law School ... ..	670	8	6			
Medical School ... ..	1,571	13	0			
School of Music:						
Mus. Bac. Course and Public Ex- aminations ... ..	1,158	0	0			
Elder Conservatorium ... ..	2,619	17	5			
Concerts ... ..	95	15	8			
	3,873	13	1			
Advanced Commercial Certificate Course	248	10	3			
				9,845	2	5
<i>Interest—</i>						
Accrued due to date ... ..	3,662	16	9			
Less outstanding, &c. ... ..	185	2	3			
				3,477	14	6
<i>Rent—</i>						
Accrued due to date ... ..	2,584	16	4			
Less: Outstanding ... ..	1,287	16	7			
				1,296	19	9

Forward

£21,771 17

OF ADELAIDE.

December, 1905, furnished in compliance with the 18th Section of Act 37  
No. 20 of 1874.

<i>Expenditure.</i>		£	s.	d.	£	s.	d.
<i>Arts and Science Schools—</i>							
Salaries	...	6,121	15	9			
<i>Other Expenses—</i>							
Additional Examiners, Supervisors, Examination Papers, Printing, &c., for Degree and Public Examinations	...	946	3	0			
Lecture Fees to School of Mines	...	130	3	3			
Fees to School of Design	...	14	0	0			
Fees to Agricultural College	...	26	0	0			
Physical Laboratory	...	101	16	5			
Chemical Laboratory	...	102	8	0			
Engineering Department	...	14	3	5			
Geological Laboratory	...	16	16	11			
Expenses Local Centres	...	2	12	6			
					7,475	19	3
<i>Law School—</i>							
Salaries	...	750	0	0			
<i>Other Expenses—</i>							
Additional Examiners, Examination Papers, Printing, &c.	...	47	14	4			
					797	14	
<i>Medical School—</i>							
Salaries	...	2,804	0	0			
<i>Other Expenses—</i>							
Additional Examiners, Examination Papers, Printing, &c.	...	58	2	7			
Physiological Laboratory	...	34	15	1			
Anatomical Department	...	64	8	8			
					2,961	6	4
<i>School of Music—</i>							
Mus. Bac. Course and Public Examinations.							
Salaries	...	600	0	0			
<i>Other Expenses—</i>							
Additional Examiners, Printing, Examination Papers, &c.	...	62	7	7			
Sundries and Expenses Local Centres	...	76	1	7			
Associated Board R.A.M. and R.C.M.	...	507	6	11			
					645	16	1
					1,245	16	1
<i>Elder Conservatorium—</i>							
Salaries	...	3,310	6	4			
<i>Other Expenses</i>							
Concert Account	...	84	3	4			
Advertising, Printing, Tuning, Gas, Telephone, and Sundries	...	227	18	6			
Orchestra	...	116	14	0			
					3,739	2	2
					4,984	18	3
Forward					£16,219	18	2

					£	s.	d.
				Brought forward	21,771	17	5
<i>Calendar—</i>							
Received on sale of Calendars	...	...	...		56	15	8
<i>F. G. Tolley, Esq.—</i>							
The "Oratorio Prize"	...	...	...		5	5	0
<i>Frederick Bevan, Esq.—</i>							
The "Frederick Bevan Prize"	...	...	...		5	5	0
<i>Professor Ennis—</i>							
The "Ennis" Prize	...	...	...		5	5	0
Extension Lecture Fees	...	...	...		98	13	3
<i>Donations Advanced Commercial Course—</i>							
Chamber of Commerce	...	...	...		25	0	0
Donation by Pharmaceutical Society of South Australia	...	...	...	...	7	7	0

Forward

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 £21,975 8 4

FINANCIAL STATEMENTS.

369

						£	s.	d.	£	s.	d.
Brought Forward									16,219	18	2
<i>Advanced Commercial Course—</i>											
	Honorarium to Lecturer	...	...	...	...	120	3	8			
	Printing, &c.	...	...	...	...	16	10	1			
						<hr/>			136	13	9
<i>Angas Engineering Scholarship—</i>											
	Remitted to Agent General	...	...	...	...				250	0	0
<i>Angas Engineering Exhibition—</i>											
	Paid Exhibitors	...	...	...	...	180	0	0			
	Printing	...	...	...	...	0	9	9			
						<hr/>			180	9	9
<i>J. H. Clark Scholarship—</i>											
	Paid Scholars	...	...	...	...				20	0	0
<i>Dr. Davies Thomas Scholarship—</i>											
	Paid Scholar	...	...	...	...				20	0	0
<i>Roby Fletcher Prizes—</i>											
	Paid Prize	...	...	...	...				10	0	0
<i>Stow Prizes—</i>											
	Paid Prizeman	...	...	...	...				15	0	0
<i>Elder Prizes—</i>											
	Paid Prizeman	...	...	...	...				10	0	0
<i>Everard Scholarship—</i>											
	Paid Scholar	...	...	...	...				50	0	0
<i>The Brookman Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>Oratorio Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>The Bevan Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>The Ennis Prize—</i>											
	Paid Prize	...	...	...	...				5	5	0
<i>The Robert Whinham Prize</i>									5	0	0
<i>The Tennyson Medals—</i>											
	Engraving	...	...	...	...				1	10	6
<i>Registrar's Department and House Salaries</i>									1,254	14	6
<i>Senate</i>									55	7	0
<i>Stationery</i>									55	6	2
<i>Buildings—Repairs and Additions</i>									63	6	8
<i>Land Tax</i>									336	18	6

Forward

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£18,705 5 0

	£	s.	d.
Brought forward	£21,975	8	4

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£21,975 8 4

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F. W. EARDLEY,  
Accountant.

19th January, 1906.



	Forward	£	s.	d.
<i>Miscellaneous Expenses—</i>		£18,705	5	0
Advertising, Printing, Gas, Water, House Sundries, Auditors' Fees, Insurance, Petty Cash, &c. ... ..		545	9	2
<i>Interest—</i>				
Interest on Temporary Advances ... ..		600	13	1
<i>Calendar—</i>				
Printing ... ..		171	7	2
<i>Extension Lectures—</i>				
Fees to Lecturers and Expenses ... ..		123	8	8
<i>Amount Applied to Capital Expenditure, etc.</i> ..		1,654	3	0
<i>Balances—</i>				
In hands of Agent-General ... ..	125	5	1	
In Bank of Adelaide (Current Account) .. ... ..	£55	2	2	
Less cheques outstanding	30	5	0	
		24	17	2
In hands of the Accountant ... ..		25	0	0
		<u>175</u>	<u>2</u>	<u>3</u>

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£21,975 8 4

We report that we have duly audited the various Books of Accounts and other records relating to the Income and Expenditure of the University of Adelaide in respect to the year which ended on the 31st day of December, 1905, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period named.

J. EDWIN THOMAS, F.I.A.S.A., }  
 ARTHUR YOUNG HARVEY, } Auditors.

Adelaide, 19th January, 1906.

## THE UNIVERSITY

**A***Statement Showing the Actual Financial Position*

DR.	£	s. d.	£	s. d.
<b>ENDOWMENTS—</b>				
Sir W. W. Hughes (Arts and Science) ...	20,000	0 0		
Sir T. Elder (Arts and Science) ...	20,000	0 0		
Sir T. Elder (Medical School) ...	30,000	0 0		
Sir T. Elder (Music School) ...	20,000	0 0		
Hon. J. H. Angas (Chair of Chemistry) ...	6,000	0 0		
Hon. J. H. Angas (Engineering Scholarship) ...	4,000	0 0		
Evening Classes ...	1,220	0 0		
Everard Scholarship ...	1,000	0 0		
J. Fisher, Esq. (Commercial Education) ...	1,000	0 0		
Dr. Charles Gosse Lectureship ...	800	0 0		
Hartley Studentship ...	600	0 0		
Private Contributions ...	600	3 0		
Stow Prizes and Scholarship ...	500	0 0		
John Howard Clark Scholarship ...	500	0 0		
The Dr. E. W. Way Lectureship on Gynaecology ...	463	9 3		
The Dr. Davies-Thomas Scholarship ...	400	0 0		
Roby-Fletcher Scholarship ...	160	0 0		
St. Alban Scholarship ...	150	0 0		
S.A. Commercial Travellers' Association Scholarship ...	150	0 0		
The Tennyson Medals ...	100	0 0		
The Robert Whinham Prize ...	84	9 6		
The Tate Memorial Medal ...	60	0 0		
			107,788	1 9
<i>General Purposes—</i>				
Sir T. Elder (Endowment) ...	25,000	0 0		
Temporary Advances ...	14,672	0 7		
Contributed from Income ...	4,740	12 1		
			44,412	12 8
<b>LAND ENDOWMENT—</b>				
Grant from H. M. Government ...	55,000	0 0		
Contributed from Income (net) ...	3,077	16 3		
			58,077	16 3
<b>BUILDINGS (UNIVERSITY)—</b>				
Contributed by H. M. Government ...	18,014	0 0		
Contributed by Private Donations ...	1,890	5 0		
Contributed from Income ...	19,209	9 8		
			39,113	14 8
<b>SPECIAL ENDOWMENT—BARR SMITH LIBRARY—</b>				
Donations from R. Barr Smith, Esq. ...	7,000	0 0		
Interest thereon ...	105	19 11		
			7,105	19 11
<b>CONTRIBUTED OUT OF INCOME towards the</b>				
Equipment, &c., of the University ...	13,591	1 7		
Special Donation by R. Barr Smith, Esq., for Apparatus ...	500	0 0		
			14,091	1 7
			£270,589	6 10

F. W. EARDLEY,  
Accountant.

19th January, 1906.

## OF ADELAIDE.

*in respect to Capital as on 31st December, 1905.*

	£	s.	d.	£	s.	d.
<b>INVESTMENTS—</b>						
On Mortgage and in Land ... ..	8,922	11	10			
At English, Scottish, & Australian Bank, Limited ... ..	9,345	0	0			
In State Bank of S.A., Mortgage Bonds (at cost) ... ..	8,318	0	0			
In S.A. Consolidated Stock of H.M. Govern- ment of S.A., (at cost) ... ..	80,202	9	11			
W.A. Inscribed Stock ... ..	1,000	0	0			
				107,783	1	9
<i>General Purposes—</i>						
Elder Conservatorium Building ... ..	18,780	5	8			
Prince of Wales Building ... ..	11,055	14	3			
Elder Anatomical Building ... ..	5,814	2	8			
S.A. Consolidated Stock (at cost) ... ..	8,762	10	1			
				44,412	12	8
<b>LAND ACCOUNT—</b>						
Original value of Land granted by H.M. Government. Balance ... ..	54,896	6	3			
Paid to H.M. Government for value of Improvements thereon ... ..	2,879	15	1			
Improvements to University Site ... ..	301	14	11			
				58,077	16	3
<b>BUILDINGS—</b>						
Expended on University Buildings ... ..				39,113	14	8
<b>SPECIAL ENDOWMENT—Barr Smith Library—</b>						
Books purchased ... ..	7,105	8	11			
Balance unexpended ... ..				11	0	
				7,105	19	11
<b>EQUIPMENT—</b>						
Library Books and Binding ... ..	4,248	3	9			
Laboratories, Material and Apparatus, and unconsumed material ... ..	3,941	17	3			
Museum Exhibits, &c. ... ..	296	13	3			
Furniture ... ..	3,244	12	6			
Organ—Conservatorium ... ..	1,541	10	11			
Installation of Electric Light ... ..	318	3	11			
Special Donation: Expended on Apparatus	500	0	0			
				14,091	1	7
				£270,589	6	10

We report that we have examined the above statement showing the actual financial position of the University of Adelaide in respect to Capital Funds as on the 31st day of December, 1905, and have compared the same with the entries in the various Books of Accounts and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a full and correct abstract of the financial position of the University as on the 31st day of December, 1905. We further report that the securities representing the investments shown in the above statement as well as the Land Grants and Certificates of Title belonging to the University have been produced to us.

J. EDWIN THOMAS, F.I.A.S.A., }  
ARTHUR YOUNG HARVEY, } Auditors

Adelaide, 19th January, 1906.



**B**

## STATEMENT OF CAPITAL MONEYS RECEIVED AND OF INVESTMENTS DURING 1905.

RECEIVED—	£	s.	d.	EXPENDED—	£	s.	d.
Sundry Credit Balances, including contribution from Income ... ..	2,332	3	0	Barr-Smith Library: Expended on Books during Year ... ..	316	17	6
				Repaid on account of Sundry Advances ...	1,879	5	10
				Equipment, &c. ... ..	135	19	8
	<u>£2,332</u>	<u>3</u>	<u>0</u>		<u>£2,332</u>	<u>3</u>	<u>0</u>

F. W. EARDLEY,

Accountant

19th January, 1906.

THE UNIVERSITY OF ADELAIDE.

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PASS LISTS, 1905.

EXAMINATIONS HELD IN MARCH, 1905.

**LL.B. EXAMINATION.**

**Property—Part I.**

THIRD CLASS.

Doudy, Cecil Roy.

**Property—Part II.**

SECOND CLASS.

Giles, Aeland.

**Constitutional Law.**

SECOND CLASS.

Cox, Edwin Baxter.

Homburg, John.

THIRD CLASS.

Lake, Clement William Hingston.

**Law of Contracts.**

None passed.

**Law of Wrongs.**

None passed.

**Law of Procedure.**

THIRD CLASS.

Jessop, Charles Lewis.

**SUPPLEMENTARY EXAMINATION FOR THE DEGREES OF  
BACHELOR OF MEDICINE AND BACHELOR OF  
SURGERY.**

FIRST YEAR.

**Physics.**

Everard, James Edward

Thus completing the First Year.

## SECOND YEAR.

**Physiology.**

Jeffries, Lewis Wibmer

**Organic Chemistry.**

Magarey, Archibald Campbell

} Thus completing the  
Second Year.

## FOURTH YEAR.

**Obstetrics.**

McAree, Francis Edward

Thus completing the Fourth Year.

**SUPPLEMENTARY EXAMINATION.—APRIL, 1904. MUS.  
BAC. DEGREE.****Harmony.**Ridgway (*née* Jelley), Jeannie,  
thus completing the third year.**SUPPLEMENTARY MUS. BAC. EXAMINATION.—MARCH,  
1905.**

## THIRD YEAR.

## PASS.

Davy, Ruby Claudia Emily.

**SUPPLEMENTARY EXAMINATION FOR THE DIPLOMA  
OF ASSOCIATE OF MUSIO.**

## PASS.

Phipps, Charlotte Lucy Barkwell      Principal Subject—Composition.

**HONOURS DEGREE OF BACHELOR OF SCIENCE  
(MARCH),****Physiology.**

## FIRST CLASS.

Robertson, Thorburn Brailsford.

**ORDINARY DEGREE OF BACHELOR OF SCIENCE (MARCH).****Pure Mathematics I. (Second Year's Course).**Brookman, John Ragless  
Giles, Nigel Stuart

| Wight, Albert Raymond.

**DEGREE EXAMINATIONS.**

The following students passed in subjects of the Courses for the Ordinary Degree of Bachelor of Arts or Bachelor of Science or the Applied Science Course, at the annual examination in November, 1905 :—

**1. Greek.**

## FIRST CLASS.

Langman, Mary Lillecrapp.

## SECOND CLASS.

Schulz, Adolf John | Williams, Mabel Evangeline.

## THIRD CLASS.

Hübbe, Edith Ulrica | Woolnough, Harold.  
Moyes, John Stoward**2. Latin.**

## FIRST CLASS.

Langman, Mary Lillecrapp | Rischbieth, Oswald.

## SECOND CLASS.

Davis, David | Williams, Mabel Evangeline.  
Hübbe, Edith Ulrica

## THIRD CLASS.

Campbell, Gordon Cathcart | Woolnough, Harold.

**3. English Language and Literature.**

## FIRST CLASS.

Davis, David | Viney, Horace George  
Proud, Emily Dorothea | Waterhouse, Lorna Maude.  
Schulz, Adolf John

## SECOND CLASS.

Angus, Barbara | Holland, Charlotte Annie  
Bartholomaeus, Edmund Stanley | Hosking, Herbert Clifton  
Burnell, Reginald George | Loveridge, Lillian Constance  
Campbell, Jessie | McNamara, David James  
Coles, Mignonette | Menzie, Duncan  
Driscoll, Hilda Marion | Murphy, Evangeline  
Finch, Daisy Violet | Williams, Eirene Mary  
Giles, Olive Abbott | Worsnop, Elsie Madeline.



## THIRD CLASS.

Ash, Arthur Louis George  
 Bennett, Frederick Norman  
 Bradley, Catherine Forster  
 Butler, Francis James  
 Claughton, Eva Beatrice Annie  
 Davies, Clive Runnalls  
 Drummond, Euphemia Gibb  
 Dunlevie, Nellie Emily  
 Finch, Emily Olive  
 Freeman, Isabella  
 Furner, Annie Blanche  
 Garton, Mary May  
 Hamence, Elsie Emily Stuart  
 Hutley, Walter Fritz Stephen  
 Hyett, Margaret Jane  
 Hynes, Patrick Joseph

Kleeman, William Hurtle  
 Klose, John Emil Alfred  
 McLeod, Annie  
 Menkens, Muriel Perth  
 Miethke, Edith Esther  
 Mitchell, William Stanley  
 Monk, Verona Gladys  
 Ogden, Olive Isabel  
 Okely, Christopher Carl  
 Possingham, Alfred Harold  
 Shepherd, John Alfred  
 Smith, Myrtle Clare  
 Stolz, Elizabeth Emilie  
 Stolz, Sabina Bertha  
 Tilley, Edith Louise  
 Waterhouse, Edith Joyce.

Awarded the John Howard Clark Scholarship—

Schulz, Adolf John.  
 Waterhouse, Lorna Maude.

**4. French.**

## SECOND CLASS.

Swan, Warren Alexander

**5. German.**

## FIRST CLASS.

Heyne, Laura Olga Hedwig.

## SECOND CLASS.

Kummnick, Albert Johannes Paul.

**6. English History.**

## FIRST CLASS.

Eardley, Frederick William.

## SECOND CLASS.

Burgess, Annie Frances  
 Clucas, Robert John Miller  
 Davidson, Roy Laidlaw  
 Gardner, Edith Josephine

Harris, Ernest  
 Holder, Eric James Roby  
 Morgan, Robert John.

## THIRD CLASS.

Adey, William James  
 Bennett, Richard William  
 Boerke, Gustav Hermann Gotthold  
 Comley, Charles Herbert  
 George, Hilda Constance

Harkness, Robert  
 Lipsham, Kate Caroline  
 Muirden, William  
 Nicolle, Thomas Helier Sarre  
 Stephens, Lillian Mary Theakston

**7. Modern European History.**

## SECOND CLASS.

Davidson, Roy Laidlaw

Whitham, Annie Beatrice.

**8. Economics.**

## FIRST CLASS.

Farsky, Hilda Gesina Franziska  
Finlayson, Ronald Nickels  
Holder, Sophia EllenRichardson, Arnold Ed. Victor  
Smyth, Isabel Agnes Ekin  
West, Reginald Arthur.

## SECOND CLASS.

Clark, Percy John  
Cole, Thomas William  
Harry, John  
Ingamells, Eric Marfleet  
Manning, Arabella Aldersey  
Miller, Raymond Orlando Maurice  
Mitchell, Percival HarrisPatchell, Mary Emma  
Rayner, William Henry  
Smyth, Edith Raymond Ekin  
Whitham, Annie Beatrice  
Williams, James Henry  
Woolnough, Harold.

## THIRD CLASS.

Barbary, William John  
Bosch, Theodor Silas  
Campbell, Gordon Cathcart  
Cowan, Robert Francis  
Gardner, Edith Josephine  
Harkness, Robert  
Lipsham, Kate Caroline  
Lipsham, MargaretMelbourne, Dugald Archibald  
Rofe, Percy James  
Sanders, Isabel Mary  
Swan, Warren Alexander  
Twiss, William Newman  
Vollprecht, Alexander August  
Watson, Percival.**9a. Psychology.**

## FIRST CLASS.

Dodwell, George Frederick.

## SECOND CLASS.

Ash, Arthur Louis George  
Clark, Percy John  
Coles, Mignonette  
Driscoll, Hilda Marion  
Fuch, Emily OliveGardner, Edith Josephine  
Giles, Olive Abbott  
Proud, Emily Dorothea  
Rayner, William Henry  
Viney, Horace George.

## THIRD CLASS.

Bartholomaeus, Edmund Stanley  
Butler, Francis James  
Claughton, Eva Beatrice Annie  
Dunlevie, Nellie Emily  
Furner, Annie Blanche  
Hamence, Elsie Emily Stuart  
Hosking, Herbert Clifton  
Hyett, Margaret Jane  
Hynes, Patrick Joseph  
Klose, John Emil AlfredLoveridge, Lillian Constance  
McLeod, Annie  
Murphy, Evangeline  
Nevin, Thomas  
Okely, Christopher Carl  
Possingham, Alfred Harold  
Smyth, Isabel Agnes Ekin  
Stockham, Winifred  
Stolz, Sabina Bertha.

**9b. Logic.**

## FIRST CLASS.

Cherry, William Herbert  
Davis, David

Dodwell, George Frederick.

## SECOND CLASS.

Arthur, John Andrew  
Haslam, Joseph Auburn

Thomas, Frank Emerson.

## THIRD CLASS.

Büring, Albert Gustav Adolph  
Clark, Percy John  
Cole, Thomas William  
Donnell, John  
Ellis, Arthur Benjamin  
Flett, Maggie Gertrude  
Hill, Hilda Mary  
Jacobs, Isaac

Leggoe, Myra Minnette  
Menkens, Muriel Perth  
Moyes, John  
Pitt, Arthur William  
Ralph, Edgar Maurice  
Swan, Warren Alexander  
Twiss, William Newman.

Recommended for the Roby Fletcher Prize in Psychology and Logic—  
Dodwell, George Frederick.

**9d. Education.**

## FIRST CLASS.

Ham, William

Schulz, Adolph John.

## SECOND CLASS.

Angas, Barbara  
Bennett, Frederick Norman  
Burnell, Reginald George

Goldsworthy, Ottho Eric  
Menzie, Duncan.

## THIRD CLASS.

Bartholomaeus, Edmund Stanley  
Dunlevie, Nellie Emily  
Finch, Daisy Violet  
Freeman, Isabella  
Hamence, Elsie Emily Stuart  
Hartley, Thomas Jeffrey  
Hill, Hilda Mary  
Hutley, Walter Fritz Stephen

Hyett, Margaret Jane  
Klose, John Emil Alfred  
Menkens, Muriel Perth  
Mitchell, William Stanley  
Murphy, Evangeline  
Sanders, Hilary Frances Sheldon  
Stolz, Elizabeth Emilie.

**9e. Philosophy.**

## THIRD CLASS.

Campbell, Gordon Cathcart  
Comley, Charles Herbert

Davidson, Roy Laidlaw  
Ingamells, Eric Marfleet.

**PURE MATHEMATICS.****Ordinary Degree of B.A. First Year's Course,  
Ordinary Degree of B.Sc. Compulsory Mathematics.**

## FIRST CLASS.

(In order of merit).

Kuchel, Carl Wilhelm August | Birks, Walter Richard.

## SECOND CLASS.

(In order of merit).

Ingamells, Dora | Okely, Christopher Carl.

## THIRD CLASS.

(In alphabetical order).

Deeney, John Chrysostom		Richardson, Arnold Edwin Victor
Gray, William Watt Erskine		Viney, Horace George
Kleeman, William Hurtle		Whittington, Arthur Onslow.
Possingham, Alfred Harold		

**Pure Mathematics. Second Year's Course.****Ordinary Degree of B.A., B.Sc., and Diploma.**

## FIRST CLASS.

Holden, Edward Wheewall | Burgess, May  
Burgess, Leslie Frank

## SECOND CLASS.

Ligertwood, George Coutts | Rosman, Frank Edgar

## THIRD CLASS.

Bagster, Lancelot Salisbury		Gilbert, Joseph
Bennett, Frank Norman		Giles, Olive Abbott
Bradley, Catherine Forster		Gill, Lancelot Waring
Burnell, Reginald George		Hanton, Hubert Harford
Churchward, Stella Mary		Kurchel, Carl Wilhelm August
Collins, Arnold William		Lang, William Holland
Darwin, Errol Raffael Henry		Lewis, Irene Gwendoline
Drummond, Euphemia Gibb		Newman, Olive Gertrude
Dumas, Russell John		Woolnough, Harold
Galvin, Thomas Bernard		

**Applied Mathematics.****B.A., B.Sc., and DIPLOMA IN APPLIED SCIENCE.**

## FIRST CLASS.

(In order of merit).

West, John Stanley | Tassie, Robert Wilson.

## SECOND CLASS.

(In order of merit).

Reynell, Walter Rupert  
 Ellis, Frank  
 Corry, Samuel Lloyd

Wight, Albert Raymond  
 Burnell, Reginald George.

## THIRD CLASS.

(In alphabetical order).

Angwin, William Britton  
 Brookman, John Ragless

Gilbert, Joseph  
 Lang, William Holland.

**Physics. First Year's Course.****B.A., B.Sc., AND DIPLOMA CANDIDATES.**

## FIRST CLASS.

(In order of merit).

Burgess, Leslie Frank	} equal
Rosman, Frank Edgar	
Bennett, Frank Norman	} equal.
Birks, Walter Richard	
Coles, Mignonette	
Darwin, Errol Raffael Henry	
Gill, Lancelot Waring	
Okely, Christopher Carl	

## SECOND CLASS.

(In order of merit).

Hosking, Herbert Clifton	} equal:
Richardson, Arnold Edwin Victor	
Finch, Emily Olive	} equal
Parkinson, Arthur Ronald	
Viney, Horace George	} equal
Deeney, John Chrysostom	
Ligertwood, George Coutts	
Angus, Barbara	} equal.
Gray, William Watt Erskine	

## THIRD CLASS.

(In alphabetical order).

Ash, Arthur Louis George  
 Barbary, William John  
 Ball, Arthur Hugh  
 Bennett, Joseph Henry  
 Davies, Percy Hamilton  
 Driscoll, Hilda Marion  
 Garden, John Hazen  
 George, Mildred May  
 Harvey, Ronald Macpherson

Lewis, Irene Gwendoline  
 Martin, William Thomas  
 McLeod, Annie  
 Milne, Malcolm Ernest  
 Nancarrow, Ewart Henry Beau-  
 mont  
 Nock, Leslie Cyril  
 Wilson, Francis Grey  
 Williams, Ralph.

**Physics (Second Year's Course.)****B.A. DEGREE.**

## THIRD CLASS.

(In alphabetical order).

Bennett, Frederick Norman  
 Goldsworthy, Ottho Eric  
 Hynes, Patrick Joseph

Ingamells, Dora  
 Proud, Emily Dorothea

**Physics (Second Year's Course.)****B.Sc. and DIPLOMA.**

## FIRST CLASS.

(In order of merit).

Burgess, Leslie Frank

Reynell, Walter Rupert

## SECOND CLASS

(In order of merit).

Bagster, Lancelot Salisbury  
 Wight, Albert Raymond

Lang, William Holland

## THIRD CLASS.

(In alphabetical order).

Brookman, John Ragless  
 Darwin, Errol Raffael Henry

Gilbert, Joseph  
 Hanton, Hubert Harford

**INORGANIC CHEMISTRY, B.A. COMPULSORY CHEMISTRY,****B.Sc.****Chemistry I. (Diploma Course).**

## FIRST CLASS.

(In order of merit).

Burgess, Leslie Frank  
 Bennett, Frank Norman  
 Gray, William Watt Erskine  
 Darwin, Errol Raffael Henry

Rosman, Frank Edgar  
 Gill, Lancelot Waring  
 Campbell, Jessie

## [SECOND CLASS.

(In order of merit).]

Williams, Ralph.  
 Lewis, Irene Gwendoline } equal  
 Foreman, Louis Aloysius }  
 Moyes, Morton Henry.

## THIRD CLASS.

(In alphabetical order).

Bennett, Joseph Henry  
 Birks, Walter Richard  
 Deeney, John Chrysostom  
 Dumas, Russell John  
 Edquist, Alfred George  
 Kahan, Raoul Robillaz

Mitchell, William Stanley  
 Parkinson, Arthur Ronald  
 Stanley, Richard Evan  
 Thomas, Frank Emerson  
 Young, Tom Michell.

**Organic Chemistry.****B.A. DEGREE.**

## FIRST CLASS.

(In order of merit).

Ingamells, Eric Marfleet  
 Murphy, Evangeline.

## SECOND CLASS.

(In order of merit).

Finch, Daisy Violet	} equal
Hyett, Margaret Jane	
Campbell, Jessie	} equal
Freeman, Isabella	
Hill, Hilda Mary	
Ogden, Olive Isabel	
Russack, Frederick William	} equal
Shetliff, Frank Davies	
Bennett, Frederick Norman	} equal.
Ellis, Annie Rita	
Whittney, Percy Victor	

## THIRD CLASS.

(In alphabetical order).

McGrath, Joseph William  
 Mossop, John Garland.

**Biology.****B.A. DEGREE.**

## THIRD CLASS.

Büring, Albert Gustav Adolph

**B.Sc. DEGREE (First Year).****Compulsory Biology.**

## FIRST CLASS.

None.

SECOND CLASS.  
Trüdinger, Clara.

THIRD CLASS.

Addison, Stanley Simpson		Higgin, Alfred James
Birks, Walter Richard		Lewis, Irene Gwendoline
Buckley, Emma Albani		Trüdinger, Ronald
George, Mildred May		

**ORDINARY B.Sc. DEGREE, (Final).**

**Physiology.**

THIRD CLASS.  
Trüdinger, Ronald.

**CHEMISTRY, Part I. B.Sc. COURSE, OR CHEMISTRY, II.**

**Diploma Course.**

**PRACTICAL.**

FIRST CLASS.  
(In order of merit).

West, John Stanley		Angwin, William Britton	} equal.
Mossop, John Garland		Ellis, Frank	

SECOND CLASS.  
Lang, William Holland.

**THEORETICAL.**

FIRST CLASS.  
Angwin, William Britton.

SECOND CLASS.  
Scarfe, Arthur Hamilton.

THIRD CLASS.  
(In alphabetical order).

Ellis, Frank		West, John Stanley.
Lang, William Holland		

**B.Sc. DEGREE AND DIPLOMA IN APPLIED SCIENCE.**

**Applied Mechanics.**

FIRST CLASS.

Holden, Edward Wheewall	} equal.
Smith, Harold Whitmore	



## PASS LISTS.

## SECOND CLASS.

Greenway, Harold.

## THIRD CLASS.

Bowen, Harold Charles | Stuckey, Vivian Charles.

**Physics — Third Year's Course.**

## FIRST CLASS.

Tassie, Robert Wilson

## SECOND CLASS (IN ORDER OF MERIT).

Ellis, Frank	
Rennie, Edward James Cadell	
Bowen, Harold Charles	} equal
Moore, George Douglas	
West, John Stanley	

## THIRD CLASS.

Trüdinger, Clara  
Trüdinger, Ronald**GEOLOGY and MINERALOGY.****Geology, Part I.**

## SECOND CLASS.

Greenway, Harold

## THIRD CLASS.

Stuckey, Vivian Charles

**Mineralogy and Petrology, Part I.**

## FIRST CLASS.

Scarfe, Arthur Hamilton.

## SECOND CLASS.

Greenway, Harold | Bonnin, Frederick George.

## THIRD CLASS.

Cowan, Leslie Thompson | Stuckey, Vivian Charles.

**Geology, Part II.**

## FIRST CLASS.

None.

## SECOND CLASS.

Newman, Olive Gertrude.

## THIRD CLASS.

Brooks, George Vickery.

**Metallurgy II.**

## FIRST CLASS.

Cleland, William Lauder	}	equal.
Hooper, Charles William		
Langdon, Reginald Yorke		
Longbottom, William Archer		

## SECOND CLASS.

Bayly, Brian Brock	}	equal
Martin, Victor Garfield		
Phillipps, Herbert Tarlton		
Schild, Stanley Dickerson	}	equal.
Bonnin, Frederick George		

## THIRD CLASS.

Hargrave, Arthur Albert  
Sullivan, Ernest.**Assaying I. (F. and A).**

## FIRST CLASS.

Laughton, Reginald Alfred Lampier | De Passey, Roy.

## SECOND CLASS.

Langdon, Reginald Yorke | Hooper, Charles William  
Angwin, William Britton | Phillipps, Herbert Tarlton.

## THIRD CLASS.

Bates, George Spencer		Nsish, Roy Lancelot
Bayly, Brian Brock		Poynton, William Henry
Bennett, Joseph Henry		Williams, Rowland Thomas
Maughan, Harold Melville		Dryll.

**Assaying II. Electrical Engineering. B. Course.**

## SECOND CLASS.

Rennie, Edward James Cadell.

**Mining Geology (September).**

## FIRST CLASS.

Hooper, Charles William  
Phillipps, Herbert Tarlton.

## SECOND CLASS.

Bayly, Brian Brock  
 Cleland, William Lauder  
 Heseltine, Augustus Frederick } equal.

## THIRD CLASS.

Langdon, Reginald Yorke  
 Martin, Victor Garfield.

**DIPLOMA IN MINING AND METALLURGY**  
**(Old Regulations).**

**Mining (Honours).**

## FIRST CLASS.

(In order of merit).

Langdon, Reginald Yorke.  
 Cleland, William Lauder.

## SECOND CLASS.

(In order of merit).

Heseltine, Augustus Frederick.  
 Hooper, Charles William }  
 Martin, Victor Garfield } equal  
 Bayly, Brian Brock.

## THIRD CLASS.

Phillipps, Herbert Tarlton.

**Railway Engineering and Transmission of Power.**

## SECOND CLASS.

Wight, Albert Raymond

## THIRD CLASS.

Brookman, John Ragless }  
 Moore, George Douglas } equal

**Hydraulics.**

## SECOND CLASS.

(In order of merit).

Wight, Albert Raymond  
 Brookman, John Ragless

| Moore, George Douglas

**HONOURS DEGREES.**

The following students have passed in subjects of the courses for the Honours Degrees:—

**HONOURS DEGREE OF BACHELOR OF ARTS.****Mathematics.**

FIRST CLASS.

Darwin, Lisle Julius

THIRD CLASS.

Moyes, John Stoward

**HONOURS DEGREE OF BACHELOR OF SCIENCE.****Physiology.**

FIRST CLASS.

Fry, Henry Kenneth.

THIRD CLASS.

Ellis, Annie Rita

} West, Gordon Roy.

**EXAMINATION FOR THE DEGREE OF BACHELOR OF LAWS.—November, 1905.**

(In order of merit).

**Law of Property—Part I.**

SECOND CLASS.

Bray, Marmion Matthews | Lake, Clement William Hingston

THIRD CLASS.

Boucaut, George Hiles | Tapley, Willis Wayte  
Watkins, Charles Thomas**Law of Property—Part II.**

SECOND CLASS.

Rudall, Reginald John | Ray, Walter Vernon.

THIRD CLASS.

Doudy, Cecil Roy

**Psychology and Logic.**

## FIRST CLASS.

Bray, Marmion Matthews

## SECOND CLASS.

None

## THIRD CLASS.

Kelly, Francis

| Haslam, Leslie Horrocks

**Logic.**

## THIRD CLASS.

Watkins, Charles Thomas

| Nootnagel, Albert Herman.

**Constitutional Law.**

## FIRST CLASS.

Rudall, Reginald John  
Bray, Marmion Matthews

| Ray, Walter Vernon.

## SECOND CLASS.

Browne, Thomas John

| Macleannan, James Sydney Kileoy

## THIRD CLASS.

Wallmann, Reginald Horton  
Mitchell, Harold Flinders

| Boucaut, George Hiles

**Roman Law.**

## THIRD CLASS.

Kelly, Francis  
Latty, Claude Percival| Colville, Arthur Landseer } equal  
| Jessop, Charles Lewis }  
| Macleannan, James Sydney Kileoy }**Jurisprudence.**

## SECOND CLASS.

Campbell, James Way } equal  
Latty, Claude Percival }

| Hargrave, Nathaniel John

## THIRD CLASS.

Martin, John Claude  
Williams, Frank Laurie

| Heseltine, Samuel Richard

**Law of Contracts.**

## FIRST CLASS.

Browne, Thomas John

## SECOND CLASS.

Tapley, Willis Wayte | Cowan, George Dalrymple

## THIRD CLASS.

Henderson, William | Akhurst, Adrian } equal  
Phillips, Ernest }**Law of Wrongs.**

## SECOND CLASS.

Kelly, Francis | Rudall, Reginald John } equal  
Watkins, Charles Thomas }

## THIRD CLASS.

Denny, William Joseph | Penny, Bertram Stephens  
Michell, Harold Flinders | Cox, Edwin Baxter  
Boucaut, George Hiles | Homburg, John**Law of Evidence and Procedure.**

## FIRST CLASS.

Latty, Claude Percival | Williams, Frank Laurie

## SECOND CLASS.

Smith, James | Denny, William Joseph } equal  
Colville, Arthur Landseer | Webb, Albert Bindley }  
Smith, Francis Villeneuve

## THIRD CLASS.

Lake, Clement William Hingston.

**International Law.**

## SECOND CLASS.

Martin, John Claude } equal | Latty, Claude Percival  
Williams, Frank Laurie }

## THIRD CLASS.

Campbell, James Way | Heseltine, Samuel Richard

**Latin.**

## SECOND CLASS.

Akhurst, Adrian

## THIRD CLASS.

Browne, Thomas John | Nootnagel, Albert Herman  
Phillips, Ernest

**English Language and Literature.**

SECOND CLASS.

Cowan, George Dalrymple

**English History.**

THIRD CLASS.

Phillips, Ernest

**Economics.**

• SECOND CLASS.

Colville, Arthur Landseer	} equal
Hargrave, Nathaniel John	
Homburg, John	
Browne, Thomas John	

THIRD CLASS.

Doudy, Cecil Roy

| Heseltine, Samuel Richard

Recommended for a Stow Prize—

Bray, Marmion Matthews

**ORDINARY EXAMINATION FOR THE DEGREES OF  
BACHELOR OF MEDICINE AND BACHELOR OF SURGERY**

First Class in order of merit, Second and Third Classes in alphabetical order.

**FIRST YEAR.**

FIRST CLASS.

None.

SECOND CLASS.

Delprat, Mary Johanna A. T.  
Donnelly, Thomas Hugh

| Moffatt, May Josephine

THIRD CLASS.

Delprat, Elizabeth Theodora J. S.  
Fleming, Thomas Gordon| Moulden, Owen Meredith  
Steele, David Macdonald.

Passed in Anatomy, Biology, and Physics, thus completing the First Year—

Jacob, Melliar Phelps

| O'Grady, John James.

**SECOND YEAR.**

FIRST CLASS.

Jona, Judah Leon.

SECOND CLASS.

Cherry, Percival Thomas Spower		Goode, Reginald Alfred
Cowan, Darcy Rivers Warren		Jay, Hubert Melville
Frayne, Ernest John		Sprod, Milo Weeks.

THIRD CLASS.

Drew, William Alfred Vernon		Muirhead, John Robb.
Erichsen, Matthias		

Passed in Anatomy, thus completing the Second Year—  
West, Gordon Roy.

Recommended for the Elder Prize in the Second Year—  
Jona, Judah Leon.

THIRD YEAR.

FIRST CLASS.

Parkhouse, Devon	}	equal.
Verco, Reginald John		

SECOND CLASS.

Catchlove, Sydney George L.		Shierlaw, Norman Craig.
Magarey, Archibald Campbell		

THIRD CLASS.

Betts, Lionel Oxborrow.

Recommended for the Dr. Davies Thomas Scholarship—  
Parkhouse, Devon | Verco, Reginald John.

FOURTH YEAR.

FIRST CLASS.

Ray, William		Lewis, Eric Henry.
Pellew, Leonard James		

SECOND CLASS.

Griffiths, Ernest William		Plummer, Rex Garnet.
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THIRD CLASS.

Weidenbach, Arnold Edwin.

Recommended for the Dr. Davies Thomas Scholarship—  
Ray, William.

FIFTH YEAR.

FIRST CLASS.

Hunn, William Morgan		Burnard, Eulalie Hardy Hanton.
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## SECOND CLASS.

Brady, Albert Edward  
Curtis, Albert  
Dawson, Dean

McAree, John Victor  
Russell, Walter Henry.

## THIRD CLASS.

Brummitt, Robert Douglas.

Recommended for the Everard Scholarship—  
Hunn, William Morgan.

**EXAMINATION FOR THE DEGREE OF DOCTOR OF  
MEDICINE.**

Passed in Group D.

Russell, Herbert Henry Ernest, M.B.

**ORDINARY EXAMINATION FOR THE DEGREE OF  
BACHELOR OF MUSIC.—NOVEMBER, 1905.**

## FIRST YEAR.

None.

## SECOND YEAR.

## SECOND CLASS.

Holder, Winnifred Breakspear  
Walker (Mrs.), Frances Sophia.

## THIRD YEAR.

## THIRD CLASS.

Daltry, Ernest Albert.

**FINAL EXAMINATION FOR THE DEGREE OF MUS. BAC.**

Davis, Angelita Pintorecilla

Puddy, Maude Mary

**EXAMINATION FOR THE ADVANCED COMMERCIAL  
CERTIFICATE—SEPTEMBER, 1905.**

**Business Practice.**

Annels, Herbert Edward  
Badger, David Magnus  
Bowes, Stanley Edgar  
\*Bray, Clifford Samuel  
Canaway, Lancelot John  
Comley, Reginald  
\*Cotton, Robert Harold  
\*Donnelly, Albert Lawrence  
\*Gale, Frederick Julius

Humphreys, Herbert John  
Kirkman, David  
Lenton, Leslie  
McLean, Allan William  
\*Robertson, George Oliver  
Steele, Robert Moore  
Ward, Alfred Kekwick  
\*Wood, Alfred Evelyn  
Menkens, Frank Herman.

\* An asterisk denotes that the Candidate passed with credit.

**November.****Accountancy.**

(Credits in order of merit).

*Cowell, Francis Henry, B.A.	Haselgrove, Frederick Richard Eric
*Threadgold, Stanley Garfield	Mann, Fred Sinclair
*Smith, Charles Alfred } equal	Packard, Guy Spencer
*Thomas, Harold Clarke } equal	Russack, Friedrich Wilhelm
Annells, Herbert Edward	Solly, Hubert Ambrose
Gerny, Victor August	

\* An asterisk denotes that the candidate passed with credit.

**Commercial Law.**

(In order of merit).

* Harris, Howie Palmer	Ebsworth, Percy Elderton James
* White, Leslie Ford	Robertson, George Oliver
* Cotton, Robert Harold	Russack, Friedrich Wilhelm
* Bray, Clifford Samuel	Muir, Thomas Grieve
* Syme, James Maxwell	Sheppard, Bernard Aubrey
* Nottle, Roy	Muecke, Carl Wilhelm Ludwig
* Gerny, Victor August	Kirkman, David
Steele, Robert Moore	

\* An asterisk denotes that the candidate passed with credit.

**Economics.**

(In order of merit).

*Bray, Clifford Samuel	
*Wood, Alfred Evelyn	
Canaway, Lancelot John	
Bowes, Stanley Edgar	} equal
Gale, Frederick Julius	
Harrison, William Frank	
Henderson, Henry Beecher	} equal
Russack, Friedrich Wilhelm	
Menkens, Frank Herman	
Muir, Thomas Grieve	} equal
Wills, Samuel	
Harry, Reginald Freeman	
Humphreys, Herbert John	} equal
Ward, Alfred Kekwick Warner	
Kleemann, Theodor Richard	
Bayly, Edward Benjamin	} equal
Thomas, Harold Clarke	
Fry, Arthur Henry Percival	} equal.
Milne, Alexander	

\* An asterisk denotes the Candidate passed with credit.

**Examination in Botany.**

Asher, Rudolph	Quick, Augusta Elizabeth
Dale, Frank	Richardson, Madge
Pearson, Roy Boswell	Williams, William Alfred

**UNIVERSITY EVENING CLASS AND SCHOOL OF MINES  
ASSOCIATE II. EXAMINATION.****Electric Engineering.**

Waters, Joseph.	FIRST CLASS.
Moore, George Douglas.	SECOND CLASS.
Parsons, Matthew Herbert.	THIRD CLASS.

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## LETTERS PATENT.

*Dated 22nd March, 1881.*

Victoria, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, Empress of India : To all to whom these Presents shall come, greeting.

WHEREAS, under and by virtue of the provisions of three Acts of the Legislature of South Australia, respectively known as "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," a University consisting of a Council and Senate has been incorporated and made a body politic with perpetual succession, under the name of "The University of Adelaide," with power to grant the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, and Doctor of Music :

And whereas the Chancellor, Vice-Chancellor, and Council of the said University, by their humble petition under the common seal of the University, have prayed Us to the effect following (that is to say) :

To grant Our Letters Patent, declaring that the aforesaid Degrees already conferred or hereafter to be conferred by the University of Adelaide shall be recognized as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration within Our Dominions as fully as if the said degrees had been conferred by any University in Our United Kingdom of Great Britain and Ireland ; and that such recognition may extend to Degrees conferred on Women :

Now know ye that We, having taken the said petition into Our Royal consideration, do, by virtue of Our prerogative and of Our special grace, certain knowledge, and mere motion, by these presents, for Us, Our heirs and successors, will and ordain as follows :

I. The Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, and Doctor of Music, heretofore granted or conferred and hereafter to be granted or conferred by the said University of Adelaide on any person, male or female, shall be recognized as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the World, as fully as if the said Degrees had been granted by any University of Our said United Kingdom.

II. No variation of the constitution of the said University which may at any time, or from time to time, be made by any Act of the Legislature of South Australia shall in any manner annul, abrogate, circumscribe, or diminish the privileges conferred on the said University by these Our Letters Patent, nor the rank, rights, privileges, and considerations conferred by such Degrees, so long as the standard of knowledge now established, or a like standard, be preserved as a necessary condition for obtaining the aforesaid Degrees.

III. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by Our Governor of South Australia for the time being.

In witness whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By Warrant under the Queen's Sign Manual.

PALMER.

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## ACT OF INCORPORATION.

*The Adelaide University Act.*

No. 20 OF 1874.

## Preamble.

WHEREAS it is expedient to promote sound learning in the Province of South Australia, and with that intent to establish and incorporate, and endow an University at Adelaide, open to all classes and denominations of Her Majesty's subjects: And whereas Walter Watson Hughes, Esquire, has agreed to contribute the sum of Twenty Thousand Pounds towards the endowment of two chairs or professorships of such University, upon terms and conditions contained in a certain Indenture bearing date the twenty-fourth day of December, one thousand eight hundred and seventy-two, and made between the said Walter Watson Hughes and Alexander Hay, Esquires, representing an Association formed for the purpose of establishing such University, a copy of which said Indenture is set forth in the Schedule hereto; be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows:

University to consist of Council and Senate.

1. An University, consisting of a Council and Senate, shall be established at Adelaide, and when duly constituted and appointed according to the provisions of this Act, shall be a body politic and corporate by the name of "The University of Adelaide," and by such name shall have perpetual succession, and shall adopt and have a common seal, and shall by the same name sue and be sued, plead and be impleaded, answer and be answered unto in all Courts in the said province, and shall be capable in law to take, purchase, and hold all goods, chattels, and personal property whatsoever, and shall also be able and capable in law to receive, take, purchase, and hold for ever, not only such lands, buildings, and hereditaments, and possessions, as may from time to time be exclusively used and occupied for the immediate requirements of the said University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in the said Province, or elsewhere, and shall be able and capable in law to grant, demise alien, or otherwise dispose of all or any of the property, real or personal, belonging to the University, and also to do all other matters and things incidental or

appertaining to a body politic and corporate: Provided always, that until the Senate of the said University shall have been constituted as herein enacted, the said University shall consist of a Council only: Provided further, that it shall not be lawful for the said University to alien, mortgage, charge, or demise any lands, tenements, or hereditaments, of which it shall have become seised, or to which it may become entitled by grant, purchase, or otherwise, unless with the approval of the Governor of the said Province for the time being, except by way of lease for any term not exceeding twenty-one years from the time when such lease shall be made, in and by which there shall be reserved during the whole of the term the highest rent that can be reasonably obtained for the same, without fine.

First Council by whom appointed. Election of Chancellor and Vice-Chancellor.

2. The first Council of the said University shall be nominated and appointed by the Governor within three months after the passing of this Act, and shall consist of twenty councillors, and the said Council shall elect a Chancellor and a Vice-Chancellor; and whenever a vacancy shall occur in the office of Chancellor or Vice-Chancellor, either by death, resignation, expiration of tenure, or otherwise, the said Council shall elect a Chancellor or Vice-Chancellor, as the case may be, instead of the Chancellor or Vice-Chancellor occasioning such vacancy, the Vice-Chancellor in all cases shall be elected by the said Council out of their own body, and the Chancellor, if not a member of the said Council at the time of his election, shall, from and after his election, become a member of the said Council during the term of his office, and in any such case, and for such period, the Council shall consist of twenty-one councillors. Each Chancellor and Vice-Chancellor shall hold his office for five years, or, except in the case of the first Chancellor and Vice-Chancellor, for such other term as shall be fixed by the statutes and regulations of the University made previously to the election: Provided that there shall never be more than four ministers of religion members of the said Council at the same time.

Vacancies in the Council, how created and filled.

3. At the expiration of the third year, and thereafter at the expiration of each year, the five members of the Council who shall have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period, the order of their retirement shall be decided by ballot, and all vacancies which shall occur in the said Council by retirement, death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall at meetings to be duly convened for that purpose elect; or, if the Senate shall not have been constituted, such vacancies shall be forthwith reported by the Chancellor to the Governor, who shall within

three months after such report nominated persons to fill such vacancies, or if the Senate shall fail to elect within six months, then the Governor shall nominate persons to fill such vacancies.

Senate how constituted.

4. As soon as the said Council shall have reported to the Governor that the number of graduates admitted by the said University to any of the Degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, or Doctor of Music, and of graduates of three years' standing, is not less than fifty, and such report shall have been published in the *Government Gazette*, the Senate shall be then constituted, and shall consist of such graduates, and of all persons thereafter admitted to such degrees, or who may become graduates of three years' standing, and a graduate of another University admitted to a degree in The University of Adelaide shall reckon his standing from the date of his graduation in such other University, and the Senate shall elect a Warden out of their own body annually, or whenever a vacancy shall occur.

Questions how decided, quorum.

5. All questions which shall come before the said Council or Senate respectively shall be decided by the majority of the members present, and the chairman at any such meeting shall have a vote, and in case of an equality of votes, a casting vote, and no question shall be decided at any meeting of the said Council unless six members thereof be present, or at any meeting of the said Senate unless twenty members thereof be present.

Chairmanship of Council and Senate.

6. At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as chairman, and at every meeting of the Senate the Warden shall preside as chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the Warden the members of the Senate present shall elect a chairman.

Council to have entire management of the University.

7. The said Council shall have full power to appoint and dismiss all professors, lecturers, examiners, officers, and servants of the said University, and shall have the entire management and superintendence over the affairs, concerns, and property thereof, subject to the statutes and regulations of the said University.

Council to make statutes and regulations with approval of the Senate.

8. The said Council shall have full power to make and alter any statutes and regulations (so as the same be not repugnant to any existing law or to the provisions of this Act) touching any election or



the discipline of the said University, the number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants thereof, the matriculation of students, the examination for fellowships, scholarships, prizes, exhibitions, degrees or honours, and the granting of the same respectively, the fees to be charged for matriculation, or for any such examination or degree, the lectures or classes of the professors and lecturers, and the fees to be charged, the manner and time of convening the meetings of the said Council and Senate and in general touching all other matters whatsoever regarding the said University: Provided always that so soon as the Senate of the said University shall have been constituted, no new statute or regulation or alteration or repeal of any existing statute, shall be of any force until approved by the said Senate.

Colleges may be affiliated, and boarding-houses licensed.

9. It shall be lawful for the said University to make any statutes for the affiliation to or connection with the same of any college or educational establishment to which the governing body of such college or establishment may consent, and for the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of such licences: Provided always that no such statutes shall effect the religious observances or regulations enforced in such colleges, educational establishments, or boarding-houses.

Statutes and Regulations to be allowed by Governor.

10. All such statutes and regulations as aforesaid shall be reduced to writing, and the common seal of the said University having been affixed thereto, shall be submitted to the Governor to be allowed and countersigned by him, and if so allowed and countersigned, shall be binding upon all persons members of the said University, and upon all candidates for degrees to be conferred by the same.

Limitation of the powers of Council as regards the chairs founded by W. W. Hughes.

11. The powers herein given to the Council shall, so far as the same may effect the two chairs or professorships founded by the said Walter Watson Hughes, and the two professors appointed by him, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the before-mentioned indenture.

University to confer degrees.

12. The said University shall have power to confer, after examination, the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science and Doctor of Science, Bachelor of Music and Doctor of Music, according to the statutes and regulations of the said

University : Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree, of persons who may have graduated at any other University.

Students to be in residence during term.

13. Every undergraduate shall, during such term of residence as the said University may by statute appoint, dwell with his parent or guardian, or with some near relative or friend selected by his parent or guardian, and approved by the Chancellor or Vice-Chancellor, or in some collegiate or educational establishment affiliated to or in connection with the University, or in a boarding-house licensed as aforesaid.

No religious test to be administered.

14. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the said University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.

Endowment by annual grant.

15. It shall be lawful for the Governor by warrant under his hand addressed to the Public Treasurer of the Province, to direct to be issued and paid out of the General Revenue an annual grant, equal to Five Pounds per centum per annum on the said sum of Twenty Thousand Pounds contributed by the said Walter Watson Hughes, and on such other moneys as may from time to time be given to and invested by the said body corporate upon trusts for the purposes of such University, and on the value of property real or personal, securely vested in the said body corporate, or in trustees, for the purposes of the said University, except the real property mentioned in clause 16 of this Act; and such annual grant shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several professors, lecturers, examiners, officers, and servants to be appointed by such University, and for defraying the expense of such fellowships, scholarships, prizes, and exhibitions, as shall be awarded for the encouragement of students in such University, and for providing a library for the same, and for discharging all necessary charges connected with the management thereof: Provided that no such grant shall exceed Ten Thousand Pounds in any one year.

Endowment in Land.

16. The Governor, in the name and on behalf of Her Majesty, may alienate, grant, and convey in fee-simple to such University or may reserve and dedicate portions of the waste lands of the said Province, not exceeding fifty thousand acres, for the purpose of the University and the further endowment thereof; and the Governor may in like

manner, and on behalf of Her Majesty, alienate, grant, and convey in fee-simple to such University, or may reserve and dedicate a piece of land in Adelaide, east of the Gun Shed and facing North Terrace, not exceeding five acres, to be used as a site\* for the University buildings and for the purposes of such University: Provided that the lands so granted shall be held upon trust for the purposes of such University, such trusts to be approved by the Governor.

University of Adelaide included in Ordinance No. 17 of 1844.

17. The University of Adelaide shall be deemed to be an University within the meaning of section 1† of Ordinance No. 17 of 1844, entitled "An Ordinance to define the qualifications of Medical Practitioners in this Province for certain purposes."

Council or Senate to report annually to the Governor.

18. The said Council or Senate shall, during the month of January in every year, report the proceedings of the University during the previous year to the Governor, and such report shall contain a full account of the income and expenditure of the said University, audited in such manner as the Governor may direct, and a copy of every such report, and of all the statutes and regulations of the University, allowed as aforesaid by the Governor, shall be laid in each year before the Parliament.

Governor to be Visitor.

19. The Governor for the time being shall be the Visitor of the said University, and shall have authority to do all things which appertain to Visitors as often as to him shall seem meet.

Short Title.

20. This Act may be cited as "The Adelaide University Act."

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#### SCHEDULE REFERRED TO.

This Indenture, made the twenty-fourth day of December, one thousand eight hundred and seventy-two, between Walter Watson Hughes, of Torrens Park, near Adelaide, in the Province of South Australia, Esquire, of the one part, and Alexander Hay, of Adelaide, aforesaid, Esquire, Treasurer of the Executive Council of the University Association, of the other part: Whereas the said Walter Watson Hughes is desirous that a University should be established in the said Province, to be called "The Adelaide University," and has agreed to assist in the foundation of such University, by contributing the sum of Twenty

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\*An exchange of part of the site granted under this section has been effected under Act No. 45 of 1876.

† This section has been repealed by Act No. 193 of 1880, which recognizes (amongst others) the following qualifications:—"Doctor or Bachelor of Medicine, or Master in Surgery of any chartered University in Her Majesty's Dominions authorised to grant Degrees in Medicine and Surgery."

Thousand Pounds in endowing by the income thereof two chairs or professorships in the said University, one for Classical and Comparative Philology and Literature, and the other for English Language and Literature and Mental and Moral Philosophy : And whereas the said Walter Watson Hughes, his executors or administrators is or are entitled to nominate and appoint the two first Professors to such chairs : And whereas an Association has been formed, and has undertaken to endeavour to found and establish such University, and has appointed an Executive Council : And whereas the said Alexander Hay has been appointed Treasurer of the said Executive Council : Now this indenture witnesseth, that in consideration of the premises, the said Walter Watson Hughes doth hereby for himself, his heirs, executors, and administrators covenant with the said Alexander Hay, his executors and administrators, that he, the said Walter Watson Hughes, his executors, or administrators, shall and will, on or before the expiration of ten years from the date hereof pay to the said Alexander Hay, as such Treasurer, or to the said Executive Council, or if the said University is incorporated within such period, then to such Corporation the sum of Twenty Thousand Pounds Sterling : And will in the meantime, pay interest thereon, or on such portion thereof as may remain unpaid at the rate of Six Pounds per centum per annum, from the first day of May, one thousand eight hundred and seventy-three, such interest to be paid by equal quarterly payments : And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied in two equal sums in endowing the said two chairs with salaries for the two Professors, or occupiers of such chairs : And it is hereby also declared and agreed that the said Walter Watson Hughes has appointed the Reverend Henry Read, M. A., Incumbent of the Church of England in the District of Mitcham, to occupy, and that the said Henry Read shall occupy the first of such chairs as Professor of Classics and Comparative Philology and Literature : And that the said Walter Watson Hughes has appointed the Reverend John Davidson, of Chalmers Church, Adelaide, to occupy, and that the said John Davidson shall occupy the first of the other of such chairs as Professor of English Language and Literature, and Mental and Moral Philosophy : And it is hereby agreed and declared that the annual income and interest of the said sum of Twenty Thousand Pounds, shall be applied for the purposes aforesaid in equal sums quarterly, and for no other purpose whatever : And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall be held by the Treasurer of the said University, or by the Corporation thereof, when the said University shall become incorporated, for the purpose of paying and applying the annual interest and income thereof equally endowing two chairs or professorships in the said University, one of such chairs or professorships being Classics and Comparative Philology and Literature, and the other of such chairs or professorships being English Language and Literature, and Mental and Moral Philosophy : And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall when the same is received by the Treasurer of the said University, or by the University when incorporated, be invested\* upon South Australian Government Bonds, Debentures or Securities, and the interest and annual income arising from such investments paid and applied quarterly in endowing the said two chairs or professorships in the said University as aforesaid. In witness whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

Signed, sealed, and delivered by the said Walter  
 Watson Hughes, in the presence of Richard } W. W. HUGHES. (L.S.)  
 B. Andrews, Solicitor, Adelaide. }

\* By a deed executed in 1881 the donor consented to the investment of the moneys in the purchase of freehold lands and buildings, and on first mortgages of freehold lands and buildings in South Australia.

TRUST CLAUSE OF DEED WHEREBY THE HONOURABLE  
THOMAS ELDER GRANTED £20,000 TO THE UNIVERSITY.

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By an Indenture, which bears date the 6th day of November, 1874, the Honourable Thomas Elder covenanted to pay Twenty Thousand Pounds, and the trust clause in that deed provides:—"And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several Professors, Lecturers, Examiners, officers, and servants to be appointed by such University, and for defraying the expense of such fellowships, scholarships, prizes, and exhibitions as shall be awarded for the encouragement of students in such University, and for providing a Library for the same; and for discharging all necessary charges connected with the management thereof, and for no other use or purpose whatsoever. And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall, when the same is received by the Treasurer of the said University, or by the University when incorporated, be invested \* upon South Australian Government Bonds, Debentures, or Securities, and the interest and annual income arising from such investments shall be paid and applied to and for the benefit and advantage of the said University in the manner and for the intents and purposes hereinbefore mentioned and described, and to or for no other purpose whatsoever."

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\* By a deed executed in 1880, the University is empowered to invest the moneys in the purchase of freehold lands and buildings and on first mortgages of freehold lands and buildings in South Australia.

## AN ACT TO AMEND THE ADELAIDE UNIVERSITY ACT

*No. 20 of 1874. No. 143 of 1879.*

## Preamble.

Whereas in order to enable the University of Adelaide to obtain a grant of Royal Letters Patent, and for other reasons, it is expedient to amend "The Adelaide University Act"—Be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

University has been duly constituted.

1. The University of Adelaide has been duly constituted and appointed according to the provisions of "The Adelaide University Act."

Power to repeal Statutes and Regulations.

2 Subject to the proviso contained in the eighth section of the said Act, the Council of the said University may by Statute or Regulation repeal Statutes and Regulations made by the University ; and that section shall be read and construed as if the words "or Regulation" had been inserted in it next after "Statute" where that word occurs lastly therein.

Repeal of power to confer certain Degrees.

3. The words "Bachelor of Science and Doctor of Science," which occur in the twelfth section of the said Act are hereby repealed ; and that section shall be read and construed as if those words had not occurred therein.

Short Title.

4. This Act may be cited as "The Adelaide University Act Amendment Act."

AN ACT TO REPEAL PART OF THE ADELAIDE UNIVERSITY ACT AMENDMENT ACT *No. 143 of 1879. No. 172 of 1880.*

## Preamble.

Whereas in order to enable the University of Adelaide to obtain a grant of Royal Letters Patent, and for other reasons, it is expedient to repeal part of "The Adelaide University Act Amendment Act," and to revive part of "The Adelaide University Act," and to amend it—Be it therefore enacted by the Governor of the Province of South Australia, by and with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

Repeal and Revival.

1. The third section of "The Adelaide University Act Amendment Act" is hereby repealed, and so much of "The Adelaide University Act" as was repealed by that section is hereby revived.

Admission of women to Degrees.

2. Women, who shall have fulfilled all the conditions prescribed by "The Adelaide University Act," and by the Statutes and Regulations of The University of Adelaide for any Degree, may be admitted to that Degree at a meeting of the Council and Senate of the said University.

Words importing masculine gender include feminine.

3. In "The Adelaide University Act," words importing the masculine gender shall be construed to include the feminine.

Title.

4. This Act may be cited as "The University of Adelaide Degrees Act."

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AN ACT TO ENABLE THE UNIVERSITY OF ADELAIDE TO  
CONFER DEGREES IN SURGERY.

*No. 441 of 1888.*

Preamble.

Whereas a School of Medicine has recently been established in the University of Adelaide, and it is expedient to enable the said University to confer the degrees of Bachelor of Surgery and Master of Surgery—Be it therefore enacted by the Governor of the Province of South Australia, with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

University may confer degrees of Bachelor or Master of Surgery.

1. The University of Adelaide shall have power to confer, after examination, the degrees of Bachelor of Surgery and Master of Surgery, according to the statutes and regulations of the said University: Provided always that it shall be lawful for the said University to make such statutes as they may deem fit for the admission, without examination, to any such degree of Bachelor or Master of Surgery of persons who may have obtained a corresponding degree at any other University.

Masters of Surgery to be members of Senate.

2. Persons who shall be admitted by the University of Adelaide to the degree of Master of Surgery shall, on admission thereto, become members of the Senate of the said University.

Title of Act.

3. This Act may be cited as "The Degrees in Surgery Act."

Incorporation.

4. "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," so far as their respective provisions are applicable to and not inconsistent with the provisions of this Act, are incorporated, and shall respectively be read with this Act.



## S.A. INSTITUTE ACT AMENDMENT ACT OF 1879.

*No. 151 of 1879.***Preamble.**

Whereas it is expedient that the University of Adelaide should be represented on the Board of the South Australian Institute, and that the said University should for that purpose be empowered to elect two members of that Board—Be it therefore enacted by the Governor of the Province of South Australia, by and with the advice and consent of the Legislative Council and House of Assembly of the said Province, in this present Parliament assembled, as follows :

South Australian Institute Board increased to nine.

\*1. From and after the passing of this Act the Board of Governors of the South Australian Institute shall, notwithstanding anything contained in the South Australian Institute Act, 1863, consist of nine members, of whom two shall be members of, and shall be elected by, the said University.

Council to convene meeting to elect. Tenure of persons elected. Filling occasional vacancies.

2. So soon as conveniently may be after the passing of this Act, and thereafter in each succeeding month of October, the Council of the said University shall convene in the prescribed manner a meeting in Adelaide of the said University to elect two members of the said Board, and the members elected at any such meeting shall (except in the event herein-after provided for) hold office until the election in the next succeeding month of October. Whenever the office held by any member so elected shall during the year or other period for which he was elected become vacant, the said Council shall in the prescribed manner convene a meeting of the University to elect in his room another member, who shall hold office only until the next annual election.

Power to make Statutes and Regulations to carry out the Act.

3. The said University is hereby empowered to make all such Statutes and Regulations as shall be deemed necessary or proper for prescribing the time and mode of nominating candidates for the said offices, of convening each such meeting, and of transacting the business and conducting the election thereat ; for prescribing the place in Adelaide at which such meetings shall be held, the members of the University who shall preside thereat, and the number of members of the University who must be present in order to constitute a valid meeting, and other Statutes and Regulations dealing with all other matters of every kind which, in the opinion of the said University, ought to be made for the purpose of carrying out this Act in the most efficient manner.

\* This Section has been repealed by the Public Library, Museum, and Art Gallery Act of 1883-4, Section 51.

If meeting not constituted in fifteen minutes after appointed hour, Council to elect for that occasion.

4. Notwithstanding any other provision herein contained, whenever the prescribed number of members of the University is not present within fifteen minutes after the time appointed for holding any such meeting, the Council shall, as soon as conveniently may be thereafter, elect in such manner as they shall think proper a member or (as the case shall require) two members of the said University to be members of the said Board.

Governors elected under this Act to have same rights, &c., as the others.

\*5. Members of the said Board of Governors elected under this Act shall during their tenure of office enjoy equal rights and powers with the other members of the said Board.

Title.

6. This Act may be cited for all purposes as the "South Australian Institute Act Amendment Act, 1879."

\*This Section has been repealed by the Public Library, Museum, and Art Gallery Act. 1883-4, Section 51.

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PUBLIC LIBRARY, MUSEUM, AND ART GALLERY ACT,  
1883-4. No. 296 of 1883.

Constitution of Board.

Under Section 7 of this Act it is enacted that :—

The Board of Governors of the Public Library, Museum, and Art Gallery of South Australia shall consist of sixteen members of whom

1. The Governor shall appoint eight members.
2. The South Australian Society of Arts shall elect one member, who shall be a member of the said Society.
3. The University of Adelaide shall elect two members, who shall be members of the said University.
4. The Royal Society of South Australia shall elect one member, who shall be a member of the said Society.
5. The Adelaide Circulating Library, as hereinafter established, shall elect one member, who shall be a member of the said Library.
6. The Institutes shall elect three members.

This Section further enacts that :—

The elections of members of the Board by the several bodies of persons or societies mentioned in this Section shall take place and be conducted in the manner prescribed by the rules and regulations contained in the first schedule hereto, or such other rules and regulations as may from time to time be made in addition to, or in substitution for, or in amendment of, those rules and regulations; and the expressions "Board" and "Board of Governors" used in the South Australian Institute Act Amendment Act 1879, and in any statutes or regulations made thereunder, shall refer to the Board constituted by this Act. Upon the appointment and election of members of the Board, and thereafter in the month of November in each year, the Government shall cause to be published in the *Government Gazette* a list of the members of the Board, which *Gazette* shall be *prima facie* evidence that the persons named therein are the members of the Board as therein specified.

Election of members of the Board.

Section 9 enacts that :—

The first appointment by the Governor of members of the Board, and the first elections of members of the Board by the several bodies of persons or societies mentioned in Section 7 of this Act, shall be made and take place respectively within one calendar month from the coming

into operation of this Act ; and thereafter, in the month of October in every year, the Governor and the several bodies of persons or societies mentioned in Section 7 of this Act shall appoint and elect members of the Board ; and every appointed or elected member of the Board shall hold office until the election or appointment of his successor, and shall then retire, but shall be eligible for re-election.

All members to be on same footing.

Section 10.—All the members of the Board, whether appointed or elected, shall have and exercise the same rights, privileges, and powers, and be under and subject to the same liabilities.

Casual vacancy, how filled.

Section 11.—The Governor may appoint a member of the Board upon any casual vacancy occurring through the death, resignation or removal of any member of the Board appointed by him, and any casual vacancy caused by the death or resignation of any member of the Board elected by any of the several bodies of persons or societies mentioned in Section 7 of this Act may be filled by the election of a person by the body of persons or society who shall have elected the member so dying or resigning. Any member of the Board elected under this Section shall hold office for the same period as the member so dying or resigning would have held office had no such vacancy occurred. Every appointment or election under this Section shall be notified by the Governor in the *Government Gazette*, and such *Gazette* shall be *prima facie* evidence of the appointment or election so notified.

On failure to elect, the Governor may appoint.

Section 12.—If the University of Adelaide, the Royal Society of South Australia, the Adelaide Circulating Library, or the Institutes, or any of them, shall fail or neglect to exercise their right of election given by this Act, the Governor may appoint a member or members of the Board, who shall hold office for the same period and in all respects as if he or they had been elected by the body of persons or society so making default. The provision of this section shall also apply to any casual vacancy caused by the death or resignation of any elected member of the Board.

Repeal.

Section 51 repeals Sections 1 and 5 of the Act No. 151 of 1879 intituled "The South Australian Institute Act Amendment Act."

The following is the portion of the First *Schedule* (referred to in Clause 7) which regulates the election of members of the Board by the University of Adelaide :—

Rules and Regulations for the election of members of the Board.

ELECTION BY THE UNIVERSITY OF ADELAIDE.

1. The members of the Board to be elected by the University of Adelaide shall be elected in manner prescribed by the "South Australian Institute Act Amendment Act, 1879," and the statutes and regulations made or to be hereafter made thereunder for the election by the University of Adelaide of members of the Board of Governors of the South Australian Institute; and the expressions "Board" and "Board of Governors" used in that Act and in the statutes and regulations made thereunder shall refer to the Board of Governors of the Public Library, Museum, and Art Gallery of South Australia. The result of every such election shall be certified to the Governor, under the hand of the Chancellor or Vice-Chancellor of the University, whose certificate shall be conclusive as to the validity of such election.

For Statutes see Chapter XXIII, page 79.

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HOSPITAL ACT AMENDMENT ACT, 1884, AMENDING THE  
HOSPITALS ACT, 1867.

*No. 306 of 1884*

University to elect one member and Commissioners of Hospital another.

Section IX. of this Act enacts that, "At any time in the months of January or February in every year the Council of the University of Adelaide may elect one member of the Board of Management of the Adelaide Hospital, and the Commissioners of the Adelaide Hospital may elect another member of the said Board."

Elections to be notified to Chief Secretary, and Governor to appoint sixteen in all,  
including persons elected.

Section X., "On or before the twenty-eighth day of February in every year the electing parties shall notify to the Chief Secretary the names of the persons elected by them, respectively, as members of the Board of Management of the Adelaide Hospital, and on or before the thirty-first day of March following, the Governor shall appoint the persons so elected to be members of the said board, and shall also appoint as many other persons as shall, together with the members so elected, be enough to make up the whole number of members to sixteen, whereof not more than eight are to be medical practitioners.

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STANDING ORDERS OF THE SENATE OF THE  
UNIVERSITY OF ADELAIDE.

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I. THE OFFICERS OF THE SENATE.

1. A member of the Senate shall be elected annually as Warden.
2. The Warden shall preside at all meetings at which he is present.
3. The Warden shall take the chair as soon after the hour of meeting as twenty members are present.
4. If the office of Warden be vacant, or if the Warden shall be absent, or shall desire to take part in a debate, the Senate shall elect a Chairman, who, while in the Chair, shall have all the powers of the Warden ; but if the Warden shall arrive after the Chair is taken, or shall cease to take part in a debate, the Chairman shall vacate the Chair.
5. A Clerk of the Senate shall be elected annually, and shall perform such duties as may be directed by the Warden.
6. The Clerk shall receive all notices of motion or of questions, and also all nominations of candidates for the office of Warden, Clerk, or Member of the Council.
7. The Clerk shall prepare, under the direction of the Warden a Notice-paper of the business of every meeting, and issue it with the circular calling the meeting.
8. The Clerk shall, under the direction of the Warden, record in a book the Minutes of the Votes and Proceedings of the Senate.
9. Whenever an extraordinary vacancy shall occur in the office of Clerk, or when he shall be unable to act, the Warden may appoint some suitable person to act until a Clerk shall have been appointed.
10. Whenever an extraordinary vacancy shall occur in the office of Warden, or when the Warden shall from any cause be unable to act, the Clerk shall perform the duties of Warden until the next meeting of the Senate.

II. MEETINGS OF THE SENATE.

11. The Senate shall meet at the University on the fourth Wednesday in the months of March, July, and November respectively ; but if the Warden is of opinion that there is not sufficient business to bring before the Senate, he may direct notice to be issued that the meeting shall for that time lapse.

12. The Warden may at any time convene a meeting of the Senate.

13. Upon a requisition signed by twenty members of the Senate, setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

14. If after the expiration of a quarter of an hour from the time appointed for the meeting there shall not be twenty members present the meeting shall lapse.

15. If it shall appear on notice being taken, or on the report of a division by the tellers, that twenty members are not present, the Warden shall declare the meeting at an end or adjourned to such time as he shall direct, and such division shall not be entered on the Minutes.

16. The Senate may adjourn any meeting or debate to a future day.

### III. NOTICES.

17. Notice of every meeting shall be given by circular posted six clear days before such meeting to the last-known address of every member resident in the colony.

18. All notices of motion or of questions and all nominations must reach the Clerk at the University, before 1 p.m. on the eleventh day before the day of meeting.

### IV. CONDUCT OF BUSINESS.

#### A. AGENDA.

19. The business at any meeting shall be transacted in the following order, and not otherwise, except by direction of the Senate:

- a. Reading, amendment, and confirmation of Minutes.  
Business arising out of the Minutes.
- b. Election of Warden and Clerk.
- c. Election of Members of the Council.
- d. Questions.
- e. Business from the Council.
- f. Motions on the Notice-paper.
- g. Other business.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.



21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice Paper for the meeting of which it is an adjournment.

#### B. RULES OF DEBATE.

22. Whenever the Warden rises during a debate any member then speaking or offering to speak shall sit down and the Warden shall be heard without interruption.

23. If the Warden desires to take part in a debate, he shall vacate the chair for the time.

24. Every member desiring to speak shall rise in his place and address himself to the Warden.

25. When two or more members rise to speak the Warden shall call upon the member who first rose in his place.

26. A motion may be made that any member who has risen "be now heard," and such motion shall be proposed, seconded, and put without discussion or debate.

27. Any member may rise at any time to speak "to order."

28. A member may speak upon any question before the Senate or upon any amendment proposed thereto, or upon a motion or amendment to be proposed by himself, or upon a point of order, but not upon the motion that the question be now put, or that a member be now heard.

29. By the indulgence of the Senate a member may explain matters of a personal nature, although there be no question before the Senate, but such matters may not be debated.

30. No member may speak twice to a question before the Senate except in explanation or reply; but a member who has merely formally seconded a motion or amendment shall not be deemed to have spoken.

31. A member who has spoken to a question may again be heard to explain himself in regard to some material part of his speech, but shall not introduce any new matter.

32. A reply shall be allowed to a member who has made a substantive motion, but not to any member who has moved an amendment.

33. No member may speak to any question after it has been put by the Warden and the show of hands has been taken thereon.

34. No member shall reflect upon any vote of the Senate except for the purpose of moving that such vote be rescinded.

35. In the absence of a member who has given notice of a motion any member present may move such motion.

36. A motion may be amended by the mover with leave of the Senate.

37. Any member proposing an amendment may be required to deliver it in writing to the Warden.

38. Any motion or amendment not seconded shall not be further discussed, and no entry thereof shall be made on the Minutes.

39. A member who has made a motion or amendment may withdraw the same by leave of the Senate, granted without any negative voice.

40. No motion or amendment shall be proposed which is the same in substance as any question which during the same evening has been resolved in the affirmative or the negative.

41. The Senate may order a complicated question to be divided.

42. When amendments have been made the main question as amended shall be put.

43. When amendments have been proposed but not made, the question shall be put as originally proposed.

44. A question may be suspended—

(a) By a motion, "That the Senate proceed to the next business."

(b) By the motion "That the Senate do now adjourn."

45. A debate may be closed by the motion "That the question be now put," being proposed, seconded, and carried, and the question shall be put forthwith without further amendment or debate.

### C. DIVISIONS.

46. So soon as a debate upon a question shall be concluded, the Warden shall put the question to the Senate.

47. A question being put shall be decided in the first instance by a show of hands.

48. The Warden shall state whether in his opinion the "Ayes" or the "Noes" have it, but any member may call for a division.

49. When a division is called the Warden shall again put the question, and shall direct the "Ayes" to the right and the "Noes" to the left, and shall appoint a teller for each party.

50. The vote of the Warden shall be taken before the other votes, without his being required to leave the chair.

51. Every member present when a division is taken must vote except as hereinafter provided.

52. No member shall be entitled to vote in any division unless he be present when the question is put.

53. No member shall be entitled to vote upon any question in which he has a direct pecuniary interest, and the vote of any member so interested shall be disallowed if the Warden's attention be called to it at the time.

54. In case of an equality of votes the Warden shall give a casting vote, and any reasons stated by him shall be entered in the Minutes.

55. An entry of the lists of divisions shall be made by the Clerk in the Minutes.

56. In case of confusion or error concerning the numbers reported, unless the same can be otherwise corrected, the Senate shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

#### D. ELECTIONS.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

58A.\* Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

63. Any person nominated as a candidate for any office may by letter request the Clerk to cancel his nomination, and the receipt of such letter shall be held to cancel such nomination.

\* Passed by Senate, 28th March, 1894.

64. In all elections if no more than the required number of persons be nominated, the Warden shall declare them elected.

65. If more than the required number of persons be nominated, voting papers shall be distributed and every member present shall vote for the required number of candidates; but no member who has a direct pecuniary interest in the result of the election shall be allowed to vote.

66. When the voting papers have been distributed the doors shall be closed until such time as the papers shall have been collected.

67. The Warden shall appoint from the members present as many scrutineers as he shall think proper, and shall assign them their duties.

68. The votes shall be counted by the scrutineers, and the number of votes given for each candidate shall be reported to the Warden, who shall then declare the result of the election.

#### E. QUESTIONS.

69. Questions touching the affairs of the University may be put to the Warden or to the Representative of the Council in the Senate.

70. The Warden may disallow any question which he thinks ought not to be put, and may alter and amend any question which is not in accordance with the Standing Orders, or which is in his opinion injudiciously worded.

71. The Warden or Representative of the Council to whom a question is put, may without reason assigned decline to answer at all or until notice thereof has been duly given.

72. By permission of the Senate any member may put a question in the absence of the member who has given notice of it.

73. By permission of the Senate a member may amend in writing a question of which he has given notice and put it as amended.

74. In putting any question no argument or opinion shall be offered nor shall any facts be stated except so far as may be necessary to explain such question.

75. In answering any question the matter to which it refers shall not be debated.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice Paper shall not be recorded in the Minutes, nor shall the answers thereto.

**F. COMMITTEE OF THE WHOLE SENATE.**

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

**V. SELECT COMMITTEES.**

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

**VI. SUSPENSION OF STANDING ORDERS.**

88. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

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The above Standing Orders were adopted by the Senate at a meeting held on the 2nd day of December, 1885, the previous code having been rescinded.

FREDERIC CHAPPLE,

December 2nd, 1885.

WARDEN.

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