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Applied Psychology
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bold

—sources of Power—

Further evidence of the importance of the mental factor in the production of what appears to be purely physical energy and of the existence in human beings of resources of power normally untapped is seen in the innumerable instances of people who, under the stress of some great emotion, have been able to perform feats of strength and endurance entirely beyond their normal powers. McDougall tells of a boy who, when chased by a furious animal, leaped a fence which he could never afterwards clear, even when a grown man and a trained athlete. Hatfield tells of a woman who, on hearing of an explosion at a great munition factory where her husband and son were working, rose from her bed at midnight, after a hard day's work, and ran practically the whole distance of seven miles to the scene of the explosion in an incredibly short space of time. Again, he tells of a man suffering from neurasthenia, and exceedingly weak and despondent, who had to leave the hospital and nurse his wife and six children through pneumonia, attending them night and day without the help of doctor or nurse, and who, at the end of that trying experience, was wonderfully recovered, stronger, and brighter in every way.

These are but a few illustrations of the wonderful powers of mind, sufficient, at and rate, to prove that those powers are there. But these powers sometimes get out of order; they come into conflict with each other; they become distorted; they slip from our normal control. Then we have a case of "nervous breakdown," neurasthenia, "shell shock," "compulsion neurosis," mania or some other form of mental or functional disorder. Here the psychologist must come to the aid of the physician if a cure is to be effected. But the most valuable and hopeful portion of all these new discoveries in psychology is not so much the cure of these disorders by psycho-analysis, auto-suggestion, hypnotic suggestion, etc., as the proof that all these disorders are preventable. But if they are to be prevented, or recognised in their early stages and cured, then a much wider distribution of knowledge of the most important facts of applied psychology among physicians, teachers, and welfare workers is absolutely essential; and the second in importance is the provision of a staff of experts in applied psychology to examine our school children, and of special facilities for the care of those who need skilled attention. All this will not come at once, but a beginning should be made immediately by the appointment of a lecturer in applied psychology at the University of Adelaide. At present South Australians must leave the State to secure training in this fascinating and practical subject; but if the facilities of a short course at our own university were provided, large numbers of professional people and others who have to deal with these problems of mental disorders would be glad to do the necessary study. The psychologist would also be available for consultation by physicians, and in this capacity would be an enormous boon to parents of nervous, weak-minded and delinquent children.

Eliminating Mental Deficiency.
One of the outstanding social problems of the day is that of eliminating, as far as possible, mental deficiency. Cyril Burt has estimated

that 2 per cent. of the London school children are mentally deficient. It is not likely that the percentage is much smaller in Australia. A great deal of this deficiency is preventable. Some of it is curable. Given sympathetic training and suitable environment, large numbers of these children could be made to live useful and happy lives. Left to themselves, however, to fight an unequal battle with a selfish world, the majority of them become helpless, shiftless, unproductive, and persecuted. They provide at least 50 per cent. of our criminals, and perhaps 80 per cent. of our prostitutes. Of 27 male criminals hanged for murder in Melbourne, only 10 were found at normal levels. A community containing a sufficient number of its teachers and physicians trained in applied psychology would save itself from the depredations of these unfortunates, and save them from themselves. A psychologist attached to our university, examining the delinquents brought before the children's court alone, would, alone, would discover most of them.

—An Asset of Social Progress—

But not only can those with disordered or deficient mentality be benefited by applied psychology. The abnormally bright child can also be discovered by means of intelligence tests and given the encouragement and opportunity it needs to make the most of its endowment. These tests applied in American schools have revealed the fact that the real ability of the brilliant scholar is seldom or never fully appreciated by the teacher or revealed by the school examination system. The brightest pupils are usually in a grade doing work from one to three years below what they are capable of. This is unfair to the child, robbing it of its birthright, and also has a bad moral effect in that the child is never set a task which calls for its best efforts.

The more one looks into the achievements of applied psychology the clearer grows the conviction that in it we have one of the greatest assets for future social progress. It has incalculable benefits to confer on the economic, intellectual and spiritual life of the community. A movement is now on foot to raise £5000 to secure the services of a lecturer in applied psychology for five years, and pay the expenses incidental to the work. The promoters of this effort are justified in the conviction that if once the community is allowed to have experience of the value of this work it will not be allowed to lapse at the end of five years. There is probably no more urgent need in the educational sphere in South Australia to-day, and the movement should meet with a very liberal response.

EMPIRE FORESTRY.
From W. W. G. TATE, Hon. Secretary Australian Forest League:—The cabled report of the address of the Prince of Wales in The Register on Monday should do much to stimulate the growing interest in afforestation. Extensive and continuous planting now of softwoods, on up-to-date lines, will mean that in 25 years' time the State will have a valuable asset at a low cost. Experts seem to agree that at the present rate of consumption a timber shortage is inevitable throughout the world. The local forestry committee for the coming British Empire Exhibition, on which my league is represented, is fully alive to the opportunities offered, not only for bringing the many excellencies of our local hardwoods under the notice of European manufacturers, but of demonstrating the rapid growth of softwoods on inferior country in South Australia. My committee is convinced that our red and blue gum timber is far too valuable and beautiful to be used for fencing posts and sleepers. It should rank with mahogany and walnut, and so gain a much enhanced value, which would encourage conservation and planting. It is to be hoped that the results of over 10 years' research in the forestry school attached to the Adelaide University will be available at the proposed Imperial Economic Conference. The subject of forestry will be an important and welcome addition to the agenda.

Register 12.3.23
Melbourne University

VARSITY SUPERANNUATION FUND
The council of the University of Melbourne has just ratified a scheme of superannuation to provide for all persons permanently engaged in the service of the university, both teaching and otherwise (states The Age). Members contribute approximately 5 per cent. of the year's salary, and draw a pension equal to one-sixtieth of the total of all salaries received during their services with the university. Should a member die after the retiring age, his dependants will receive five years of his pension; and if before the retiring age, a proportion according to his service. Any member who retires from the service after two years may draw out his contributions, plus interest. The council has generously voted £20,000 to start the scheme.

Register 12.3.23
S.A. Medical Board.

At a meeting of the South Australian Medical Board on Thursday the following were registered as legally qualified medical practitioners of South Australia:—L. C. E. LINDON, M.B., B.S. (Adel., 1919), F.R.C.S. (Lond., 1922); D. J. R. SUMNER, Dorothy Sorby Adams, and A. L. WEBB, M.B., B.S. (Adel., 1922).

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WORKERS' EDUCATIONAL ASSOCIATION.
The First of Four FREE PUBLIC LECTURES will be given in the Prince of Wales Lecture-Room, University, on THURSDAY, March 15, at 8 p.m., by Mr. G. E. HALE, B.A. (Tutor of Public-Speaking Class) on "Demosthenes and the Golden Age of Oratory." Names now being enrolled for the ten University Tutorial Classes in English Literature, Psychology, Modern World History, Music, Public Speaking, Economics, and Political Science. Syllabus now available free from W.E.A. Office, University, west wing.
See for each class, only 5/- per year.
G. MCINTYRE, Genl. Sec.

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Professor W. G. Woolnough, formerly lecturer in mineralogy at the Adelaide University, and later on the University staff at Perth, left for Melbourne by the express on Monday. The professor, who is now consulting geologist in Sydney for Messrs. Brunner, Mond, & Co., alkali manufacturers, of Norwich, England, is returning from a trip to the salt lakes in the northern part of South Australia.

UNIVERSITY OF ADELAIDE.
PUBLIC EXAMINATIONS BOARD.

The following is the pass list for the special senior examination held in February:—
English Literature (Eg); Modern History (Mb); Ancient History (Ah); Geography (Ge); Economics (Ec); Greek (Gk); Latin (L); French (F); French, including oral (Fh); German (Gn); German, including oral (Gn); Mathematics (Ma); Arithmetic and Algebra (AA); Geometry (Gt); Trigonometry (Tr); Physics (Ph); Chemistry (C); Physiology (Pl); Botany (Bt); Geology (Gl) An x denotes a credit.

Atchison, Gordon John, Tgx, private tuition, Woodville; Anderson, Adrian Akhurst, Eg, S.A. School of Mines.
Backen, Oscar William, Eg, Concordia College; Barwell, Robert Henry, Pe, St. Peter's Collegiate School; Bennett, John Staer, Pe, private tuition, Peterborough; Broadbent, Ewart J. L., F, Adelaide High School; Buring, Franz Maurice, Gnt, private tuition, Norwood; Buring, Rupert Hermann Maurice, Eg, Pt, Prince Alfred College.

Calaby, Harry Leslie, L, Adelaide High School; Callaghan, John Charles, L, Ma, Sacred Heart College, Glenelg; Campbell, Allen Kay Robb, L, F, St. Peter's Collegiate School; Campbell, Barbara, Ma, Adelaide High School; Carr, Aenes Beryl, F, Adelaide High School; Cash, Dominic, F, Christian Brothers' College, Adelaide; Chambers, Thelma Joyce, Mb, Methodist Ladies' College; Chapman, Arthur Horsley, F, Pe, private study, Glenelg; Charlton, Hilda Magness, Eg, G, Unley D.H.S.; Clack, Norah Louisa, Eg, Mb, Mr. G. G. Newman; Claridge, Allison Doreen, Mb, Adelaide High School; Cochrane, Charlotte Emma Flora, Bt, Adelaide High School; Cole, Eric Lockwood, F, private study, Dulwich; Colison, Marion, Eg, Wilderness School; Cook, Clyde James William, Mb, St. Peter's Collegiate School; Curnow, Dorothy Ada, L, Adelaide High School.

Davis, Henry Lezerton, L, private study, Reynella; Davies, Cecil Ernest, L, Prince Alfred College; Davies, Ina Margaret Deland, F, private study, Hutt-street, Adelaide; Duncan, Raymond Adamson, Eg, Prince Alfred College.
Ellis, Roy Gilmore, Eg, L, private tuition, New Parkside; Evans, Eric Laurence, Mb, private study, Kilkenny.
Ferrison, Constance Browne, Mb, Wilderness School; Fromen, Carl Axel, Eg, Technical High School; Francis Elliott Harold, Eg, private study, Glandore; Francis, Mary Lovell, Bt, Unley D.H.S.; Francis, Victor Clifford, Gt, private study, Chaffers; Fyfe, Dorothy Mary, Gg, Adelaide High School.

Gohbert, Nellie Marie, Eg, Methodist Ladies' College; Gibbs, Lorna Fitzroy, Bt, St. Peter's Collegiate Girls' School; Gibson, Stephen Ernest Harvey, L, Unley D.H.S.; Godlee, Theodore, L, Prince Alfred College; Gooden, William Bruce, Mb, Adelaide High School; Grieve, Aenes Marion, Mb, L, Adelaide High School; Gursansky, Violet, Eg, Gawler D.H.S.

Hakendorf, Andrew John, F, private tuition, St. Peter's; Harry, Romilly Carveth, Ma, Pe, St. Peter's Collegiate School; Hartell, Marjorie Jean, Eg, Adelaide High School; Harvey, Raymond Thomas Tz, private study, Barnara; Haskard, George Henson Barrett, Gn, private study, Prospect; Heuzeroeder, William Ritter, L, private tuition, Tanunda; Hodges, Marjorie Ayles, Eg, St. Peter's Collegiate Girls' School; Homberg, Renold, Eg, F, Mrs. Dorsch; Hurlbes, Gordon Kinsley, F, Adelaide High School.
Irwin, James Campbell, C, St. Peter's Collegiate School.

Jarow, Paula, Ella, Mb, Ma, Adelaide High School; Johnston, Colin Clive, Pe, St. Peter's Collegiate School; Jones, Lillian Penry, Ma, Adelaide High School.
Kennedy, Mervyn Sylvester, Gg, private study, Norwood; Kenny, Leo Joseph, Pe, Sacred Heart College, Glenelg; Knight, Ronald Barrington, Eg, St. Peter's Collegiate School; Korber, Waldemar John, Ma, Concordia College; Krantz, Roy, Eg, Prince Alfred College.
Lafferty, Ada Maude, L, Adelaide High School; Laidlaw, Vernon Sebery, C, private study, Newstead; Lushby, Harold Merton, Gk, private tuition, Torrensville.

McCarthy, Dorothy Grace, L, Norwood D.H.S.; McEwin, John Neil, Eg, St. Peter's Collegiate School; McKenna, Albert Edward John, Mb, Technical High School; Macklin, Ellen Duley, F, private study, Prospect; McLean, Mona Mildred, F, Norwood D.H.S.; Mann, Margaret Noble, Ma, Miss J. Southcott; Masters, Ross Lincoln, F, Mr. G. G. Newman; Mathews, David Stanley, L, Unley D.H.S.; Mitchell, William Edward, Eg, Prince Alfred College; Michan, Erwin Johannes, Tg, private study, Cambrai; Moffatt, Edith Catherine, Ma, Adelaide High School; Mollison, Thomas, Pl, Mr. G. G. Newman; Morris, Hildred Ione, Gt, Methodist Ladies' College; Myers, John Edis, L, Prince Alfred College.
Nightingale, Mervyn Osborn, Eg, F, Adelaide High School.

Ohlstrom, Patrick Andreas, Eg, Miss Gillman; Olliphant, Marcus Lawrence Elwin, F, private study, Westbourne Park.
Page, Robert Rooke, Ma, private study, North Adelaide; Paltridge, Terence Brady, F, St. Peter's Collegiate School; Pansie, Roger, C, Scotch College; Parton, Gerald John, L, F, private tuition, Malvern; Peirce, Reginald Frank, L, private study, Port Pirie; Penrill, Clifford Kipling, C, Prince Alfred College; Pimlott, John Erdington, Eg, Port Pirie D.H.S.; Pitt, Marjorie Una, Gn, Miss J. Southcott; Porter, Dorothy, Mb, Ma, Mr. G. G. Newman; Princes, Muriel Marjory, Mb, private tuition, Malvern; Prosser, George Rupert, Eg, Pt, Ma, Pe, S.A. School of Mines.

Quigley, Marguerita, Mb, Adelaide High School; Reardon, Veronica Clare, Mb, Adelaide High School; Reid, William Lester, L, Sacred Heart College, Glenelg; Richards, William Edward, L, Moonata D.H.S.; Rodley, Harold Royce Ernest, Eg, Miss Blair; Russack, Frederick William, Gt, private study, North Unley; Russell, John Gordon, Pe, Technical High School; R-ao, Thomas Alfred, AA, Miss Byrne; Rymil, Arthur Campbell, Pe, St. Peter's Collegiate School.

Salter, Audrey, Ma, Presbyterian Girls' College; Schultz, Frederick William, Eg, Murray Bridge D.H.S.; Scott, Kenneth Charles, Eg, Prince Alfred College; Seal, James Shanahan, Eg, private study, Burra; Senior, Evan, C, private tuition, North Unley; Shea, Kathleen Doris, Pt, Adelaide High School; Shoobridge, Ivan, Eg, St. Peter's Collegiate School; Shorney, Barbara Kate, Ma, Methodist Ladies' College; Sinclair, Walter Gordon Clyde, F, private study, North Adelaide; Smerdon, Francis Lawry, Eg, Sacred Heart College, Glenelg; Summers, Frank Henry, F, private study, North Adelaide.
Taylor, Nance Letchford, Gt, Walford House; Trebilcock, Lancelot Eric, Mb, private study, Kilkenny; Trogenra, John Edward, C, private study, Largs Bay; Tremerry, Jean, Mb, Adelaide High School; Tyrell, Gordon Charles, Ab, St. Barnabas' College, North Adelaide.
Walker, Norman Briggs, Ma, Woodville D.H.S.; Ward, Ronald Egbert, Mb, Woodville D.H.S.; Waters, Catherine Alice, Mb, private study, Adelaide; Watson, John, F, AA Gt, Mr. G. G. Newman; Webb, Malcolm Lawrence, Eg, Prince Alfred College; West, Elsie Alice, Eg, Gaster D.H.S.; Westzarth, Hannah, Mb, Tr, Woodville D.H.S.; Wilkinson, Thomas Lancelot, Ft, private study, St. Peter's; Woolcock, Rosslyn James, Ft, private study, Henley Beach.
Zweck, Christoph Albert, Pt, Concordia College.

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(for Register 8.3.23)

THE STUDENTS OF THE STATE.

MANUAL OF THE PUBLIC EXAMINATIONS BOARD.

There is plenty of food for thought in the Manual of the Public Examinations Board of the University of Adelaide. The reports of the examiners in the various grades at the recent public examination disclose a startling state of affairs as regards the average candidate's knowledge of English. It is a matter for grave reflection in an age of "advanced" education such as that on which we pride ourselves, when they frankly state that "in none of this year's examinations was there any improvement in spelling and elementary grammar, while the handwriting of senior candidates shows some deterioration." With all the highly elaborate teaching apparatus and system now in vogue the Board of Examiners finds it necessary to stress the fact that in the English examinations "no candidate can hope to pass whose grammar and spelling fall below a certain standard which will not become any lower." A reaction against the teaching of formal grammar is thought to be one of the reasons for the prevalence of grammatical errors. The misuse of the words "lying" and "laid" in place of "lying" and "lain" is said to have occurred in an incredible number of Junior and Senior examination papers. Other common errors were the repetition of "that" and phrases of the type of "whom we think is coming." The examiners justly point out the difficulty of guarding against such blunders without help from some knowledge of accidence and syntax, and the declaration that a determined effort must be made to raise the standard of spelling among the candidates of to-day will be echoed by business men throughout the State. It was a noteworthy fact that the least phonetic words were rarely misspelt, and that in more than two thousand answers "guineas" was not once wrongly spelt, and "beautiful" not more than five times.

Yet the most common error in spelling throughout in the 1922 examinations was the use of "lead" for "led" and "believe" for "believe." Punctuation is said to have improved as far as full stops are concerned, but the comma is still a stumbling block to many.
A demand for a sketch map of the Crimea was disastrous for many of the Junior Examination candidates. As the examiners point out, a child who located the Crimea in Spain could not be expected to write intelligently about the war. Another general feature of the papers was a seeming inability to explain common phrases. The candidates were so familiar with these and used them so readily that it was evident that their teachers did not suspect the real ignorance underlying this facility. A question regarding the rise of Methodism in England led to amazing answers. One of the candidates, after describing the Tudor persecutions, declared that "the rise of Methodism was gradual, but very rising." Common errors of the Senior modern history candidates were the following. "At the council of Constance, England was classed as one of the German States." "Prior to the sixteenth century all Europe owed obedience to the Pope and the Emperor"; "Wolsey became Archbishop of Canterbury," and "Wolsey negotiated a marriage between Margaret and Henry IV." were other startling assertions.