

THE UNIVERSITY OF ADELAIDE.

Public Examinations Board.

Intermediate (including Intermediate Commercial) Examination.

HONORS LIST.

The following lists show the order of merit for candidates who have distinguished themselves in the separate subjects, and who were under 16 years of age on December 31, 1927.

English Literature.—Coffey, J. L. (Tennyson medal), (Christian Brothers' College); Foulter, E. M. (Dominican Convent, Cabra); Hardley, J. J. (Adelaide Technical High School); Law, K. M. (Yorktown Higher Primary School); Smith, E. R. (Unley High School); and Wilson, P. E. (Riverton High School), equal; Eckermann, W. E. (Norwood High School); Howard, C. M. (Unley High School); Jeffreys, I. F. (Adelaide Technical High School); Kimber, I. N. (Unley High School); Steer, G. J. (Norwood High School); and Yeomans, G. H. (Moonta High School), equal; Bradley, J. (Adelaide Technical High School); Burden, H. M. (Crevecoeur School); Murphy, K. L. (Port Pirie High School); and Ryser, L. D. (Adelaide High School), equal.

Greek.—Polkinghorne, N. F. (St. Peter's Collegiate School); Padman, J. S. (St. Peter's Collegiate School).

Latin.—Polkinghorne, N. F. (St. Peter's Collegiate School); Allen, J. L. (Prince Alfred College); Bennett, G. L. (Prince Alfred College); Bonini, M. F. (St. Peter's Collegiate School); McManus, E. E. (Woodville High School); Brocksopp, J. E. (Queen's School); and Watson, G. M. (St. Peter's Collegiate School), equal; Lamprell, J. B. (Christian Brothers' College); Butler, C. A. (Christian Brothers' College); Cowell, D. C. (St. Peter's Collegiate School); and Joseph, G. (Christian Brothers' College), equal; Paul, K. C. (Christian Brothers' College); Roberts, J. P. (Woodville High School); and Waters, J. A. (Woodville High School), equal; Heron, K. J. (Christian Brothers' College); Mitchell, R. F. (Convent of Mercy, Angas-street); Penery, Marjorie W. (Woodville High School); and Potter, D. I. (Woodville High School), equal; Stevenson, A. J. (Sacred Heart College); Arthur E. L. (Riverton High School); and Burton, R. E. (Gawler High School), equal; Dutton, A. L. (Murray Bridge High School); Harvey, M. M. (Adelaide High School); and Vaudrey, M. (Adelaide High School), equal; Harris, E. J. (Kapunda High School); Eblen, N. M. (Dominican Convent, Franklin-street); Frayne, J. F. (St. Peter's Collegiate School); and Goodes, J. M. (Methodist Ladies' College), equal.

French.—Watson, G. M. (St. Peter's Collegiate School); Paul, K. C. (Christian Brothers' College); Pennifield, A. M. (Unley High School); James, D. A. (Methodist Ladies' College); Willoughby, N. J. (St. Peter's Collegiate School); Allen, J. L. (Prince Alfred College); and McInnes, T. I. (Convent of Mercy, Angas-street), equal; Dutton, A. L. (Murray Bridge High School); Goodes, J. M. (Methodist Ladies' College); and McManus, E. E. (Woodville High School), equal; Cowell, D. C. (St. Peter's Collegiate School); Funder, E. M. (Dominican Convent, Cabra); Harris, R. M. (Kadina High School); and Polkinghorne, N. F. (St. Peter's Collegiate School), equal; Bowler, E. (Dominican Convent, Cabra); Cherry, A. P. (Crevecoeur School); Frick, M. M. (Moonta High School); James, M. L. (Unley High School); MacFarlane, M. O. (Loreto Convent); McKee, G. N. (Norwood High School); Milne, E. M. (Unley High School); Mitchell, R. F. (Convent of Mercy, Angas-street); Sharpe, W. G. (St. Peter's Collegiate School); Smith, E. R. (Unley High School); Wauchops, A. J. (St. Peter's Collegiate School); Were, J. O. (St. Peter's Collegiate School); and Wood, K. I. L. (Woodlands C.E.G.G.S.), equal.

German.—Heibig, C. M. (Immanuel College); Fehlberg, T. J. A. (Immanuel College); and Jacob, V. A. I. (Nuriopta Higher Primary School), equal; Lohse, F. A. (Immanuel College); Basdow, C. J. (Immanuel College); Hubner, E. S. (Unley High School); and Stolz, E. T. P. (Nuriopta Higher Primary School), equal.

History.—Polkinghorne, N. F. (St. Peter's Collegiate School); Milne, E. M. (Unley High School); Kimber, I. N. (Unley High School); and Malcolm, K. (Unley High School), equal; Mitchell, R. F. (Convent of Mercy, Angas-street); Bolitho, W. K. (St. Peter's Collegiate School); Malloy, M. (Loreto Convent); and Pennifield, A. M. (Unley High School), equal; Farley, B. B. (Gladstone High School); Cameron, G. A. (Unley High School); and Harris, E. J. (Kapunda High School), equal; Gluyas, J. B. (Unley High School); Hill, B. D. (Moonta High School); Hyde, C. T. (St. Peter's Collegiate School); Wilson, F. E. (Riverton High School); and Yeomans, G. H. (Moonta High School), equal.

Geography.—Hardley, J. J. (Adelaide Technical High School); Bradley, J. (Adelaide Technical High School); Hillier, A. W. (Bordertown Higher Primary School); Bowman, S. (Woodlands C.E.G.G.S.); Eckermann, W. E. (Norwood High School); Fehlberg, T. J. A. (Immanuel College); and Lamprell, J. B. (Christian Brothers' College), equal; Davey, J. R. (Scotch College); Jeffreys, I. F. (Adelaide Technical High School); and Sieber, R. A. (Eudunda Higher Primary School), equal; Boehm, E. V. (Mairden College); Browne, K. A. (Dominican Convent, Kapunda); Huiley, J. D. (Bordertown Higher Primary School); and Scholter, M. H. (Gawler High School), and Scott, A. W. (Gladstone High School), equal; Blake, E. J. (Adelaide Technical High School); Heaver, C. I. (Millers Hill Higher Primary School); Malsahn, K. (Unley High School); Wimer, R. M. (Adelaide Technical High School); and Wood, K. I. L. (Woodlands C.E.G.G.S.), equal.

Arithmetic.—Sheppard, W. T. (Mount Gambier High School); Bradley, J. (Adelaide Technical High School); Jeffreys, I. F. (Adelaide Technical High School); Kimmins, J. (Christian Brothers' College); and Rutter, V. T. (Unley High School), equal; Downs, H. A. (Adelaide High School); McElharris, J. S. (Adelaide High School); Burden, A. E. L. (Christian Brothers' College); and Sieber, R. A. (Eudunda Higher Primary School), equal; Abbott, R. G. (Strathalbyn High School); Baker, R. A. I. M. (Narracoorte High School); Butler, J. E. (Gawler High School); and T. R. (Glenmark High School); Fleming, B. (Streaky Bay Higher Primary School); Greenalade, S. G. (Prince Alfred College); Latimer, G. L. (St. Peter's Collegiate Girls' School); Landi, M. M. M. (Woodville High School); Milne, A. J. (Adelaide High School); Noonan, L. A. (St. Joseph's Convent, Peterborough); Raymond, R. N. (Clare High School); Reid, M. B. (St. Peter's Collegiate School); Roberts, J. P. (Woodville High School); Vaudrey, M. (Adelaide High School); and Wetherell, E. D. (Norwood High School), equal; Bagshaw, J. K. (Prince Alfred College); Bennett, G. L. (Prince Alfred College); Black, T. M. (Woodville High School); Corrie, M. V. (Adelaide Technical High School); Fielding, A. W. (Adelaide Technical High School); Grieson, M. E. (Adelaide High School); Hand, W. C. (Unley High School); Lawry, J. (Port Pirie High School); Lillerapp, H. R. (Norwood High School); Marks, R. (Adelaide High School); Oldmadow, H. B. L. (Unley High School); Paige, G. A. M. (Unley High School); Perriam, D. E. (Adelaide Technical High School); Seith, W. M. (Norwood High School); Sharpe, W. G. (St. Peter's Collegiate School); Shurt, D. A. (Unley High School); Vawser, H. K. (Woodville High School); and Walkington, H. M. (Renmark High School), equal; Ashton, A. J. (Unley High School); Birks, J. M. (Adelaide Technical High School); Casson, F. B. (St. Peter's Collegiate School); Griddis, V. (Mount Gambier High School); Crosby, N. D. (Kadina High School); George, M. L. (Prince Alfred College); Hand, A. (Adelaide Technical High School); Hockley, S. K. (Unley High School); Horan, K. J. (Christian Brothers' College); Hosking, A. E. (Unley High School); Hosking, B. R. (Port Lincoln High School); Hosking, M. R. (Norwood High School); Jeffries, R. L. (Mount Gambier High School); Jones, J. L. (Unley High School); Menzies, S. K. (Norwood High School); Mohler, H. E. (Adelaide Technical High School); Pilkington, A. R. T. (Pulteney Grammar School); Sheldon, L. J. (Pinnaroo Higher Primary School); Taylor, R. L. (Adelaide High School); Twartz, C. W. (Gawler High School); Walker, C. A. (St. Peter's Collegiate Girls' School); Woods, A. R. (Quorn High School); and Zachorn, E. B. (Adelaide Technical High School), equal.

Mathematics I.—Button, R. E. (Gawler High School); Oliver, R. C. (Norwood High School); Schluter, M. H. (Gawler High School); Allen, J. L. (Adelaide Technical High School); Fielding, A. W. (Adelaide Technical High School); Hermes, A. S. (St. Peter's Collegiate School); and Thomson, A. M. (St. Peter's Collegiate School), equal; Roberts, J. P. (Woodville High School); Cummings, R. E. (Jamestown High School); and McKee, G. N. (Norwood High School), equal; Hillier, D. H. (St. Peter's Collegiate School); Rutter, V. T. (Unley High School); and Smith, E. R. (Unley High School), equal; Dutton, A. L. (Murray Bridge High School); Horton, E. W. E. (Unley High School); King, P. C. (Balaklava High School); Parker, C. D. G. (Adelaide High School); and Paul, K. C. (Christian Brothers' College), equal; Paige, G. A. M. (Unley High School); and Twartz, C. W. (Gawler High School), equal; Caldwell, N. R. (Unley High School); Watson, G. M. (St. Peter's Collegiate School); and Wilson, R. K. (Pulteney Grammar School), equal; Frost, J. V. (St. Peter's Collegiate Girls' School); and McKenzie, R. B. (Adelaide Technical High School), equal; Wilson, J. W. (Mount Gambier High School); Burden, H. M. (Crevecoeur School); Cox, J. G. (Adelaide High School); Crosby, N. D. (Kadina High School); Holding, G. B. (Prince Alfred College); Hosking, B. R. (Port Lincoln High School); Lamprell, J. B. (Christian Brothers' College); Langlois, E. L. (Adelaide Technical High School); and Pilkington, A. R. T. (Pulteney Grammar School), equal; Hilton, K. D. (Kadina High School); and Stapley, D. D. (Prince Alfred College), equal; Bennett, G. L. (Prince Alfred College); Bonini, M. F. (St. Peter's Collegiate School); Casson, P. B. (St. Peter's Collegiate School); Lang, E. G. (Gawler High School); Morton, O. J. (Norwood High School); and Strachan, T. J. (Renmark High School), equal; Bradley, J. (Adelaide Technical High School); Cowham, H. R. (Pulteney Grammar School); Gillingham, J. N. (King's College); Goss, N. F. (Prince Alfred College); Hutton, E. M. (Unley High School); Kentish, A. E. (Adelaide High School); and Paech, D. P. (St. Peter's Collegiate School), equal; Cherry, A. P. (Crevecoeur School); Cowell, D. C. (St. Peter's Collegiate School); Gillespie, A. G. (Sacred Heart College); Heath, S. (Clare High School); Jones, M. J. (Mount Gambier High School); Stapleton, P. J. (Eudunda Higher Primary School); and Trunrover, J. A. (Prince Alfred College), equal; Adams, H. (Adelaide Technical High School); Belle, D. J. (Adelaide High School); Frayne, J. F. (St. Peter's Collegiate School); Gara, I. (Unley High School); Hand, A. (Adelaide Technical High School); Hubbo, G. D. (Unley High School); Hunn, G. M. (Prince Alfred College); Judd, V. (Jamestown High School); McLean, E. M. (Port Lincoln High School); Pearce, K. H. (Unley High School); Porter, T. M. E. (Adelaide High School); Ryler, L. D. (Adelaide High School); Seith, W. M. (Norwood High School); Seith, W. G. (St. Peter's Collegiate School); Sharpe, W. T. (Mount Gambier High School); and Williams, E. G. (St. Peter's Collegiate School), equal.

Mathematics II.—Cotton, H. M. (Streaky Bay Higher Primary School); and Paul, K. C. (Christian Brothers' College), equal; Frost, J. V. (St. Peter's Collegiate Girls' School); Allen, J. L. (Prince Alfred College); Kentish, A. E. (Adelaide High School); Fielding, A. W. (Adelaide Technical High School); Hosking, B. R. (Port Lincoln High School); Sangster, A. K. (Adelaide High School); and Watson, G. M. (St. Peter's Collegiate School), equal; Cummings, R. E. (Jamestown High School); Dutton, A. L. (Murray Bridge High School); Waddy, J. A. (Prince Alfred College); and Wilson, J. W. (Mount Gambier High School), equal; Langlois, E. L. (Adelaide Technical High School); Sharpe, W. G. (St. Peter's Collegiate School); and Stapley, D. D. (Prince Alfred College), equal; Thomson, A. M. (St. Peter's Collegiate School); and Wilson, J. W. (Mount Gambier High School), equal; Barclay, J. T. E. (Scotch College); Barker, E. J. (St. Peter's Collegiate School); Bennett, G. L. (Prince Alfred College); Crosby, N. D. (Kadina High School); Frayne, J. F. (St. Peter's Collegiate School); Gara, I. (Unley High School); Norman, W. G. (Scotch College); Reynolds, R. C. (St. Peter's Collegiate School); Sharpe, W. G. (St. Peter's Collegiate School); and Wright, C. F. (Adelaide Technical High School), equal; Howland, R. S. (Prince Alfred College); Paech, D. P. (St. Peter's Collegiate School); and Paige, G. A. M. (Unley High School), equal; Gillingham, J. N. (King's College); Hampat, J. (Gawler High School); Sharpe, K. J. (Adelaide High School); and Watson, G. M. (St. Peter's Collegiate School), equal; Burton, R. E. (Gawler High School); and Crumbrook, E. A. (Gawler High School), and Langlois, E. L. (Adelaide Technical High School), equal; Beuchat, C. B. (St. Peter's Collegiate School); Bennett, J. (Strathalbyn High School); Dane, D. (Prince Alfred College); Dunstan, A. E. S. (Jamestown High School); and Hoaking, B. R. (Port Lincoln High School), equal.

Chemistry.—Bennett, G. L. (Prince Alfred College); and Thomson, A. M. (St. Peter's Collegiate School), equal; Watson, G. M. (St. Peter's Collegiate School); Hudson, W. F. F. (Adelaide High School); Henry, J. D. A. (Unley High School); Allen, J. L. (Prince Alfred College); and Hutton, E. M. (Unley High School), equal; Gare, I. (Unley High School); and McKenzie, R. B. (Adelaide Technical High School), equal; Frick, M. M. (Moonta High School), equal; and Goss, N. F. (Prince Alfred College), equal; Gray, H. H. (Clare High School); and Smith, E. E. (Unley High School), equal; Barclay, J. T. E. (Scotch College); Gray, W. C. (Adelaide Technical High School); Klenk, K. W. (Adelaide Technical High School); McFadden, C. E. (Christian Brothers' College); and Murn, H. (Adelaide High School), equal; Hancock, G. C. (Kadina High School); and Langlois, E. L. (Adelaide Technical High School), equal.

Geology.—Wright, C. F. (Adelaide Technical High School); Adams, H. (Adelaide Technical High School); Bradley, J. (Adelaide Technical High School); Hardley, J. J. (Adelaide Technical High School); Gray, W. C. (Adelaide Technical High School); and Perriam, N. G. (Adelaide Technical High School), equal; Anderson, L. J. (Prince Alfred College); Langlois, E. L. (Adelaide Technical High School); Sorrell, A. G. (Adelaide Technical High School); Bolton, J. H. (Adelaide Technical High School); Ridgway, J. E. (Adelaide Technical High School); and Whiteford, J. (Adelaide Technical High School), equal; Russell, B. G. (Adelaide Technical High School); Balchin, I. J. (Adelaide Technical High School); Corp, B. E. (Adelaide Technical High School); and Doolette, G. D. (Adelaide Technical High School), equal; Pettit, J. R. (Adelaide Technical High School).

Botany.—Newland, E. (Woodlands C.E.G.G.S.); Macaulay, B. N. (Girton Proprietary School); Dutton, A. I. (Murray Bridge High School); Beddome, E. L. (Crevecoeur School).

Physiology.—Walker, C. A. (St. Peter's Collegiate Girls' School).

Bookkeeping.—Adams, H. (Adelaide Technical High School); Oliver, R. C. (Norwood High School); and Wilson, J. A. (Gawler High School), equal; Bagshaw, J. K. (Prince Alfred College); Hand, A. (Adelaide Technical High School); Christison, M. J. (Woodville High School); and Horneham, B. (Adelaide Technical High School), equal; Balchin, I. J. (Adelaide Technical High School); Black, T. M. (Woodville High School); Gordon, M. J. (Woodville High School); Patterson, D. B. (Stott's Business College); Sorrell, A. G. (Adelaide Technical High School); Stapleton, P. J. (Eudunda Higher Primary School); and Whittle, C. M. (Adelaide High School), equal; Davidge, E. A. (Narracoorte High School); Knowles, E. M. (Adelaide Technical High School); and Rees, G. L. (Kadina High School), equal; Britton, L. M. (Adelaide Technical High School); Corp, L. E. (Adelaide Technical High School); Milhouse, R. C. (Adelaide Technical High School); Owens, B. R. (Christian Brothers' College); and Trunrover, J. A. (Prince Alfred College), equal; Jeffreys, I. F. (Adelaide Technical High School); and Smith, M. A. (Gawler High School), equal; Coats, R. J. (Woodville High School); Cobble-dick, F. A. (Adelaide High School); Eardley, J. I. (Adelaide Technical High School); Gardner, R. W. (Kadina High School); Judd, E. L. (Kadina High School); Wilkinson, B. M. (Adelaide Technical High School); Wood, C. E. (Port Pirie High School); and Wright, F. J. (Adelaide Technical High School), equal.

Shorthand.—Adams, H. (Adelaide Technical High School); Jeffreys, I. F. (Adelaide Technical High School); and Milton, G. R. (Stott's Business College), equal; Corp, B. E. (Adelaide Technical High School); and Roberts, R. (Port Pirie High School), equal; Balchin, I. J. (Adelaide Technical High School); Barlow, C. W. (Dominican Convent, Semaphore); and Nimsa, M. O. (Stott's Business College), equal; Bradley, J. (Adelaide Technical High School); and Welden, E. M. (Stott's Business College), equal; James, W. C. (Adelaide Technical High School); Barrett, V. P. (Dominican Convent, Semaphore); Hand, A. (Adelaide Technical High School); and Stephen, W. D. (Unley Business College), equal; Pollard, F. M. (Jamestown High School); Annells, J. L. (Methodist Ladies' College); Christison, M. J. (Woodville High School); Galloway, E. L. (Adelaide Technical High School); Lester, W. W. (Unley Business College); and Patterson, D. B. (Stott's Business College), equal; Armstrong, D. M. (Adelaide Technical High School); Boniferno, M. E. (Dominican Convent, Franklin-street); and Dunstan, A. E. S. (Jamestown High School), equal; Madderford, M. J. (Stott's Business College).

Typewriting.—Eardley, J. I. (Adelaide Technical High School); and Perriam, D. E. (Adelaide Technical High School), equal; Adams, H. (Adelaide Technical High School); Jeffreys, I. F. (Adelaide Technical High School); and Ridgway, J. E. (Adelaide Technical High School), equal.

Drawing.—Elli, R. S. (private study, Semaphore); and Ridgway, J. E. (Adelaide Technical High School), equal.

passing through their hands. This money, together with a Government subsidy, is being utilized for the establishment of a wheat institute, an Act authorizing the creation of which was passed last month. At this institute it is proposed to carry out routine tests for millers and bakers at a nominal fee, research of a wider nature into the various factors that go to make a good milling wheat, and investigations with the causes of deficiencies in many New Zealand wheats from this point of view. Our wheats by-the-way, do not compare so favourably with yours. This institute will also finance experiments at Lincoln Agricultural College toward the improvement of wheat varieties.

Treatment of Coals.

Professor Denham went on to say that arrangements had been made between the mine owners and the Department of Scientific Research for the establishment of something in the nature of a small fuel organization. With the funds available from these two sources they were hoping to compile data in connection with the coking qualities of the various brown and bituminous coals in New Zealand. It was, however, hardly likely that they would do any far-reaching work in the matter of the carbonization of coal, on account of the big expense involved.

Attitude Toward Research.

In reply to a question, the visiting scientist said that the public attitude in New Zealand toward research was not so favourable as it was in Australia. He had been particularly struck by the cordial relationship existing between the University staff, the State departments, and the Council of Scientific and Industrial Research.

Before Professor Denham leaves Adelaide on Thursday he will confer with Professor Brailsford Robertson on the question of the latter's investigations into animal nutrition.

ADV. 25 1 28

THE WAITE INSTITUTE.

PRaised by NEW ZEALAND VISITOR.

Professor H. G. Denham, of Canterbury College, New Zealand, was much impressed by the work being carried out in scientific research at the Waite Institute, which he visited on Tuesday. Professor Denham, who is a member of the Council of Scientific and Industrial Research in New Zealand, arrived in Adelaide yesterday morning from Melbourne, and he hopes to take away with him information which will be of great value to the council.

"I was much impressed with the research being carried on at Urrbrae," he said yesterday, "and I consider a most important programme has been outlined for the next few years. If Professor A. E. V. Richardson and his staff solve the problems which they are attacking their work will have been of tremendous value to Australia, particularly in its effect on the pastoral industry."

The Professor said the establishment of a similar institute of agricultural research, perhaps on a smaller scale, was contemplated in New Zealand, and for that reason he was particularly anxious to gain a knowledge of the programme which had been mapped out at Urrbrae. Investigations were to be undertaken in New Zealand in the near future on behalf of the Empire Marketing Board, and it was necessary that those in charge should know what was being done in South Australia so that the work should not overlap. If different problems were attacked and solved, or investigations made on different lines in South Australia and New Zealand the discoveries would be made common property. New Zealand would also undertake research in animal nutrition problems, dealing with the deficiency of certain minerals in soils, and the effect their absence played in the sickness of sheep and cattle. Somewhat similar investigations were being carried out in Adelaide by Professor Brailsford Robertson, and to find what progress had been made here Professor Denham said he would confer with Professor Robertson. He said investigations into pasture conditions were being made in New Zealand to determine the most suitable time for feeding off, the effect the feeding off had on stock, and the benefits to be derived from top dressing. In that direction they were following on the lines of the experiments conducted at the Waite Institute by Professor Richardson. Agricultural research was really in its infancy in New Zealand, but the Government had sent two scientists to England for six months to study at the Royal Institute so that they might become acquainted with the latest developments being practised in agricultural and agricultural chemistry research there.

Professor Denham will spend only a few more days in Adelaide before returning to Melbourne. Before going back to New Zealand he will make enquiries into dairy research in the interests of a dairy institute which is to be established in New Zealand, and with that end in view he will confer with Dr. Seddon, who has been conducting experiments in