

SCHOOL OF MINES AND INDUSTRIES.

THE CLOSE OF THE YEAR.

The year's work of the School of Mines and Industries closed on Friday, and in the evening the diplomas were distributed to the successful pupils. The classes were in operation from 8 till 9 p.m., and a large number of visitors had thus an opportunity of witnessing the interesting activity of the school, and of judging for themselves of the excellence of the tools and machinery employed, and of the perfection to which the pupils have attained. The museum and assay laboratories were also open to inspection. In the basement the workshops were illuminated by electricity. The various departments were under the charge of Messrs. East (registrars), Higgins (assayer), Bedford, Forsyth, and Webb, while Mr. Allen superintended the cookery classes.

At 7 p.m. an adjournment was made to the concert-hall in the Eastern Annex, the chair being occupied by the Hon. Dr. Cockburn, M.P., in the absence of the chairman of the council (Mr. V. Langdon Euclython). There were also on the platform his Honor the Chief Justice, the members of the council, Professor Kenner, Professor Tate, Messrs. K. E. Rogers, T. Schickel, P. P. Murray, Messrs. M. P., E. W. Hawker, and J. J. East (registrars).

Mr. CHAIRMAN said he had to apologise for the absence of the chairman of the council, Mr. Bonython, who would otherwise have been in the place where for so many years past he had done such excellent work. (Cheers.) The council had been exceedingly fortunate in its personnel, and in no respect more than in acquiring the services of Mr. Bonython as its chairman. (Cheers.) It was a matter of great regret to him that Mr. Bonython, who had been suddenly called away to Melbourne, was not able to be present to welcome this large gathering, which on his behalf he did most heartily. (Cheers.) He was sure any one looking round the hall would allow that the School of Mines has amply fulfilled the hopes of those who established it. They had had an opportunity of judging of the work of the students; many no doubt had inspected the machines they had made, and he was sure the ladies turned out by the hundreds were a credit to the institution. He hoped they would allow him to say as a member of the council that they were very proud of the work of the students. (Cheers.) He heard one of our practical educationalists say that night that he envied the boys who are here obtaining a practical education of benefit not only to themselves, but to the community. (Cheers.) They had now concluded three and a half years of existence, and the work had been done most economically. The school had only received the annual vote on the Estimates; they had no capital sum to start with. (Hear, hear.) The money had been well expended, and no vote should be more readily passed by Parliament than that for the School of Mines and Industries. They had now the pleasure of seeing the students come forward to earn the diploma of the associationship of the school, and they wished to congratulate the diploma the hall mark of ability. (Cheers.) Last year the diploma was granted to Mr. Grayson. (Cheers.) This year two of the students had graduated—Mr. Charles John Willias and Mr. William Edward Wainwright. (Cheers.) He was sure they would have reason to be proud of their after careers. (Cheers.) They were all glad to hear of the success of Mr. Moulton—(cheers)—who after studying at this school had gone to the Royal School of Mines at South Kensington, and had there gained a scholarship of very considerable value. (Cheers.) Mr. Moulton was the very first student enrolled on the books of the School of Mines and Industries. (Cheers.) Their object was to teach how knowledge should be applied, for knowledge which could not be applied was absolutely useless. He apologized for the absence of the Premier, Mr. Kingston, and Mr. Jenkins, and he welcomed the Chief Justice both as Lieutenant-Governor and as Chancellor of the University. (Cheers.) The Chief Justice was present at their inaugural meeting three years ago, and he trusted he was not disappointed at what he saw now when the school was inaugurated about three and a half years ago in the annex, people said they were too ambitious. They thought, however, that during the next year they would get over of 300 papers. During the previous a half year that the school had been established it had made great progress, and during the past year 100 students had attended as pupils, as against 468 for the previous year, whilst 24 against 26 were taught, as against 22 the previous year. So he thought they could say the school was continuing to grow. (Cheers.) And it would grow in the future. (Cheers.) Not only was it a useful institution in furnishing youths with a valuable equipment, but it was also useful to the growth of the liberal arts, and which are the adornment of the nation, and do so much to procure its prosperity. (Cheers.)

The REGISTRARS then announced the names of the successful candidates during the past year as follows:

Technical Classes.
 Assaying, preliminary (examiner, A. J. Higgins).
 Silver and Lead.—First class—Arthur Howard Clark.
 Second class—Alice Graham Wilson. Third class—Frederick William Webb, John William Meale, Philip Halse.
 Assaying, advanced (examiner, A. J. Higgins).
 First class—Charles John Willias. Third class—Arthur Howard Clark.
 Assaying and Metallurgy, preliminary (examiner, A. J. Higgins).—Lead and Silver.—First class—Arthur Howard Clark. Second class—James Gilbert Woodcock. Fuel.—First class—George Charles King and Arthur Howard Clark, equal. Second class—William Edward Wainwright.
 Advanced Assaying and Metallurgy (examiners, A. J. Higgins and T. J. Greenway, F.I.C.).—First class—Second class—William Edward Wainwright. Third class—George Charles King, James Gilbert Woodcock.
 Applied Mechanics (examiner, R. W. Chapman, M.A., B.C.E.).—First class—Frederic Gordon Ayers. Second class—Charles Henry Barnes, Alfred Edwin Davis. Third class—William Henry Jones Lewis.
 Chemistry, preliminary (examiners, Professor Rowell, M.A., D.Sc. and A. J. Higgins).—First class—Richard Noel Wells. Second class—William Horace Campbell. Third class—John William Moun, Stanley Fraser. Chemistry, advanced (examiner, Professor Rowell, M.A., D.Sc.).—Third class—William Horace Campbell.
 Drawing (examiner, H. P. Gill, Director for Technical Art).—May Examinations.—First Grade: Local.—Excellent—Frank Vincent Duran. Good—Herbert Ridgway Willias. Pass—William Horace Campbell, Tom Kenneth Potheringham, Herbert Macgregor Paterson, Albert Wauson, Frederick Hand.—Excellent—Albert Wauson. Geometry.—Excellent—Frank Vincent Duran, Herbert Hodgson, John Pickering. Good—Herbert Macgregor Paterson, Guy Irvine Barrava, Herbert Ridgway Willias. Intermediate: Solid geometry.—Excellent—Frank Vincent Duran, Herbert Hodgson. Good—Arthur John Pickering. Elementary perspective.—Excellent—William John Wolf, Second Grade: Model.—Sawed Wallis. Fresh.—Pass—William John Wolf. November Examinations.—First Grade: Geometry.—Excellent—Frederic Alexander Campbell, Pass.—Frank Lindley Barnes. Fresh.—Good—Herbert Ridgway Willias. Intermediate: Solid Geometry.—Excellent—Frederic Alexander Campbell, Herbert Ridgway Willias. Pass—Herbert Macgregor Paterson. Perspective.—Pass—Herbert Macgregor Paterson. Second Grade: Geometry.—Good—James Gordon Murray. Pass—Frank Vincent Duran, Herbert Hodgson, William Henry Jones Lewis. Model.—Good—Frank Vincent Duran, Herbert Hodgson. Fresh.—Pass—Frank Vincent Duran, Herbert Hodgson.
 Engineering (examiner, W. S. Mackenzie, Wh. Sc.).
 First class—Charles John Willias. Third class—Henry John Detmer, Samuel Walters.
 Geology (examiner, Professor Tate, F.G.S., F.L.S.).
 First class—Richard Noel Wells.
 Mathematics, preliminary (examiner, J. Dalby, B.A.).—First class—Harvest Ridgway Willias, John Pickering. Second class—Thomas Patrick Drummond. Third class—William Herbert Jenkin, Frederic Alexander Campbell, James Gordon Murray. Mathematics, advanced (examiner, J. Dalby, B.A.).
 First class—Charles John Willias. Second class—William Henry Jones Lewis.
 Machine Construction, elementary (examiner, W. S. Mackenzie, Wh. Sc.).—First class—William John Wolf, William Henry Jones Lewis, Laurence Birka, Alfred Edwin Davis, Norman Whitell Beany. Second class—James Gordon Murray, Ralph Varro, James Lloyd Haxton. Third class—Frank Yeoman, Graham Leander Watson, Alexander McLain.
 Machine Construction, advanced (examiner, W. S. Mackenzie, Wh. Sc.).—First class—Frederic Gordon Ayers, Henry Julius Detmer. Second class—Charles John Willias, Samuel Walters, John Calder Heron. Third class—Arthur Frederick Schneider, Geoffrey Starr Head, North Kensington Certified John Clark—Samuel Walters. Note.—The examination paper was worked by this student last year, but the result was not received from England till this year.
 Mineralogy (examiner, E. F. Turner).—Second class—Richard Noel Wells. Third class—George Charles King, William Horace Campbell, James Gilbert Woodcock.
 Physics, preliminary (examiner, R. W. Chapman, M.A., B.C.E.).—First class—Frederic Gordon Ayers. Third class—Herbert Macgregor Paterson, Herbert Ridgway Willias, Frederic Alexander Campbell.
 Surveying (examiners, C. H. Harris and C. J. Sanders).—Second class—Thomas Arthur Rollison, Thomas Charles Cunningham.
INDUSTRIAL CLASSES.
 Carpentry (examiners, T. Forsyth).—First class—Hovis Palmer Harris, Herbert Ridgway Willias, Albert Wauson, Frederic John Chapple. Second class—Laurence Hovis Palmer Harris, Herbert Ridgway Willias, Gordon Scott, Frank Newman Ferris, Edwin Douglas, Frank Lindley Barnes, Fred. Langham Rooney, Wm. Horace Campbell, equal.
 Cartage Drafting (examiners, J. Dawson and I. Marzani).—First class—Gig Reginald Mack. Second class—John Barton Hask. Third class—Thomas Foyles Taylor.
 Electric Engineering (examiner, R. W. Chapman, M.A., B.C.E.).—First class—Frank Vincent Duran, Herbert Macgregor Paterson. Second class—Cyril Daanant Murray, Alfred Edwin Davis. Third class—Charles John Willias, Laurence Hovis Palmer Harris, Hovis Palmer Harris, John Wark.
 Electricians (examiners, T. Forsyth and Hon. D. M. Charleston, M.L.C.).—First class—John Walters, William Frederick Bush, Herbert Hughes Coak, John Herbert Coak. Second class—James Halbert. Third class—John Amos, Charles Frye Furwood, John Malcolm.
 Fitting and Turning (examiner, T. Forsyth).—First year's course.—First class—William Henry Jones Lewis, William John Wolf, Frank Greville. Second year's course.—First class—Herbert Macgregor Paterson. Third class—Frederic Alexander Campbell. Second year's course.—First class—Herbert Hughes Colclath, John Walters, John Henry Sanders. Pattern-Making and Jobbing (examiner, T. Forsyth).—First year's course: First class—William Henry Jones Lewis, Edwin Huntley Kirkwick, Daniel Francis Haxton, and Alexander Herbert Noble (equal). George Goss Pitt, Albert William Greville Pitt, Second class—Alexander William Wilmetts, Edward Powell, Arthur John Gamble. Third class—Frederic William Wilson, Feargus Peter, Henry England. Second year's course: First class—Charles Frye Furwood, John Walters, Herbert Hughes Colclath, Ernest Robert Parker.
 Plumbing and Guttering (examiners, H. Nettleson and J. Dalby).

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