

Annual Examination.—It was found that the leather of a very large percentage of books is in bad condition through the gas. Most of them have been repaired. It would have been better to bind them but for the small amount voted for that purpose.

The demand for the latest technical works is increasing, and no time should be lost in supplying a much-needed want. Lists of these were prepared some months ago, and approved by the Board.

Special Addition.—Among the works purchased was Guillern's Heraldry, 1677, and among those donated a complete Journal of the Notes, Speeches, and Debates in the House of Lords and Commons in the Reign of Queen Elizabeth, 1693.

SCHOOL OF ENGINEERING, ELECTRICITY, AND TECHNICAL SCIENCE.

(Professor, Robert J. Scott, M.I.M.E., M.I.C.E.)

Attendance.—The number of individual students attending lectures was 191, an increase of 19 per cent. as compared with the 160 names on the books in 1906.

Lecture Hours.—Throughout the session 28 lectures were given per week, and instruction in drawing, laboratory, and field work occupied 138½ hours, the total instruction hours in each week being 166½.

New Courses.—The following courses of instruction were initiated:—

- (1.) Principles of civil engineering.
- (2.) Technical chemistry.
- (3.) Electrical engineering—alternating current—lectures and laboratory practice (evening).
- (4.) Elementary applied mechanics—laboratory practice (evening).
- (5.) Elementary strength of materials—laboratory practice (evening).

Results of Examinations.—University: At the University examinations in 1906, 3 students passed the final examination for the degree of Bachelor of Engineering; 6 passed part of the second examination; 2 completed the first examination, and 3 part of the first examination.

Associateship: At the Associateship Examinations of 1907, 1 student passed the final examination for the associateship in mechanical, and 1 student that for the associateship in civil engineering.

The passes in the subjects of the associateship course taught in the School of Engineering were:—In physics (B): Electricity and magnetism, 6; freehand mechanical drawing, 5; descriptive geometry (advanced), 3; steam-engine (elementary), 4; steam-engine (intermediate), 3; steam-engine (advanced), 1; applied mechanics, 5; mechanics of machinery, 7; hydraulics, 6; mechanical drawing (second year), 3; strength of materials (elementary), 6; strength of material (intermediate), 2; strength of materials (advanced), 2; theory of workshop practice, 1; surveying (elementary), 3; building-construction, 2; principles of civil engineering, 2; electrical engineering (intermediate), 1. In electricity and magnetism, 14 students qualified on the pass, and 1 student on the advanced electricity papers.

Associateship students taking subjects outside their regular courses attended lectures, passed examinations, and obtained certificates in surveying (elementary), 1; surveying (advanced), 1; electrical engineering (advanced), 1; electrical drawing, Stage III, 1.

Evening Students: 130 certificates were awarded to students who attended evening lectures and passed examinations in the subjects named: Freehand mechanical drawing—first class 6, second class 17, total 23; descriptive geometry and setting out work—first class 16, second class 9, total 25; mechanical drawing, Section I—first class 5, second class 10, total 15; mechanical drawing, Section II—first class 4, second class 5, total 9; mechanical drawing, section III—first class 1, second class 3, total 4; mechanical drawing, Section III (electrical)—second class, 1; steam-engine (elementary)—first class 9, second class 6, total 15; steam-engine (advanced)—second class, 1; applied mechanics (elementary)—first class 8, second class 5, total 13; strength of materials (elementary)—first class 5, second class 3, total 8; theory of workshop practice—first class 1, second class 1, total 2; electricity (elementary)—first class 3, second class 5, total 8; electrical engineering (elementary) D.C.—first class 2, second class 1, total 3; electrical engineering (elementary), A.C.—first class, 22; surveying (elementary)—second class, 1.

Recognition of Courses by Institution of Civil Engineers.—The most important event of the year as far as the school was concerned was the recognition of its University courses by the Institution of Civil Engineers. Completion of a course in mechanical, electrical, or civil engineering at the School of Engineering, and obtaining the University degree in the subject, now exempts the holder from sitting for the Institution's examinations for associateship membership. At the date of this recognition McGill was the only other University outside of Great Britain on which this honour had been conferred.

Awards at Exhibition.—An exhibit illustrating the work of the school was placed in the New Zealand International Exhibition. This exhibit was awarded five gold medals—one for apparatus designed (at the school) for teaching applied mechanics, one for apparatus for teaching electrical engineering, one for students' original drawings and designs, one for samples of tested materials, one for a collection of New Zealand building-stones, prepared by the Lecturer in Geology and the professor in charge.

Testing.—During the year tests were carried out for the Government and private firms and companies on steel plates, building-stones, bridge-plates and bolts, cement, bricks, drainpipes, coals, and timbers.

Donations.—Some valuable donations were made to the school: The Government presented the engines, boiler, and machinery of a second-class torpedo-boat; Mr. Julius, B.Sc., Eng., an old