

§ I. MATRICULATION AND ADMISSION.

1. Candidates for Matriculation must present themselves for examination on the 15th of September 1876. They may, however, be admitted at a later period of the Session, upon special application, and if prepared to take their places in the classes in progress.

FOR ENTRANCE INTO THE JUNIOR YEAR, the subjects for examination will be:—

Mathematics.—Arithmetic; Algebra, to Simple Equations inclusive; Euclid's Elements, Books I., II., III.

English.—Writing from Dictation.

Candidates if unable to satisfy the Examiners in the above shall not matriculate, but if recommended by the examiners may enter the Preparatory Year (For course see § III.)

2. Candidates may enter in the Second or Middle Year, and so reduce the course necessary for the degree in Applied Science, from three to two years, if competent to pass a satisfactory examination in the following subjects. In addition to this, those who intend to pursue Course I. or II. must satisfy the Professor of Engineering that they possess a reasonable knowledge of the elements of Surveying and Levelling and of Linear Drawing and Projection, as in Castle's Text Book of Surveying, and Davidson's Linear Drawing and Orthographic Projection, and of the *Elementary* Course of Twisden's Practical Mechanics, as in Chap. 1, Chap. 2 (Sect 1), and Chap. 3, of Part 1st. Those entering Course 3rd. must satisfy the Professors that they have a sufficient knowledge of Botany and of Drawing as above.

Mathematics.—

Euclid.—Books I., II., III., IV., VI., with defs. of Book V. omitting propositions 27, 28, 29 of Book VI.

Algebra.—To end of Quadratic Equations (Colenso's Alg.)

Trigonometry.—Galbraith and Haughton's Trigonometry, Chaps. 1, 2, 3, 4, 6, to beginning of numerical solution of plane triangles.

Arithmetic.—Ordinary rules.—Proportion, Interest, Discount, &c., Vulgar and Decimal Fractions, Square Root.

English.—Writing from Dictation.

Chemistry.—Inorganic as in Wilson's Elements, (or the Candidate must take this subject in the Middle Year.)

French.—Candidates must satisfy the Professor of French that they have a fair knowledge of De Fiva's Grammaire des Grammaires, as far as Syntax; otherwise they must take German.

Candidates must be prepared to pass in one or other of the above Examinations at the beginning of the session. Students who have passed in Class 1st or 2nd in the above subjects, in the Intermediate Examination of the University, may be admitted without further examination in such subjects.

3. Occasional Students may be admitted to the Technical Classes upon payment of special fees, (§VIII.)