

Second Year—MATHEMATICS.

Trigonometry—Definitions, Propositions, 1-6 (Playfair's Euclid by Kel-land). Conic Sections (Whewell). Plane and Spherical Trigonometry (Snowball). Analytical Geometry (Hann's in Weale's Series.)

Collateral subjects:—Exercises. Plane and Geodetical Surveying, with the use of Surveying and Astronomical instruments.

Additional for Honours—all the Mathematics of the previous Course.

Summer work for third Matriculation Examination—Mensuration (Weale's Series pp. 19-66). Hydrostatics (Galbraith and Haughton, chaps. I.-II.)

A Prize will be awarded for the best solutions of the problems in Snowball (ed. 1863), p. 149, § XIX. 1-12, inclusive and p. 158, § XXIV. 1-9, inclusive, given in by the 15th October.

Third Year—NATURAL PHILOSOPHY.

Mechanics (Galbraith and Haughton's). Hydrostatics (do). Draper's Natural Philosophy. Analytical Geometry and Differential Calculus, one day in the week (Ritchie, Hall). Collateral Subjects:—Problems in Mechanics and Hydrostatics.

Additional for Honours—Earnshaw's Statics, chap. III.

Summer work for fourth Matriculation Examination—Optics (Dupuis), pp. 9-30.

Fourth Year—NATURAL PHILOSOPHY.

Lectures. Astronomy (Galbraith and Haughton's). Integral Calculus, one day in the week. Collateral subjects—Problems in Natural Philosophy. Essays.

For Pass Examination—Elements of the Natural Philosophy of the Undergraduate Course.

Additional for Honours—Elements of the Differential and Integral Calculus; Evan's Newton's Principia, ed. 1855, secs. II. and III. pp. 26-52., or the same propositions in Frost's Edition 1863.

3—LOGIC, METAPHYSICS, AND ETHICS.

Second Year—LOGIC.

Text-book—Whately's Logic. Lectures.

Additional for Honours—Bacon's *Novum Organon*.

Subject of Summer Essay—*Induction*.

Third Year—METAPHYSICS.

Text-book—Outlines of Hamilton's Philosophy, by Prof. Murray. The Lectures treat of

The Science of Knowledge. I. Knowledge in general. II. Knowledge in its special forms. § 1. Intuitive. (1) Presentative. (a) Self-Consciousness. (b) Perception. (2) Representative. (a) Its kinds. a. Simple Imagination. β. Memory: (b) Its Laws. § 2. Comparative. (1) Judgment. (2) Reasoning. (3) Generalization. (4) Poetic Imagination. (a) Beauty. (b) Art.