

MATHEMATICS.

Junior Class.—Euclid, first six books ; Plane Trigonometry and Logarithms ; Algebra (Hinds') to the theory of Equations. Daily and weekly exercises in Algebra, Geometry, and Trigonometry, with the use of instruments of observation.

Senior Class.—Euclid, eleventh and twelfth Books ; Mensuration of Planes and Solids ; Analytical Plane and Spherical Trigonometry (Snowball), with application to Geodetical and Astronomical Problems. Exercises in Plane and Spherical Trigonometry. Conic Sections geometrically demonstrated (Whewell.)

Third Class.—Whewell's doctrine of limits. Differential and Integral Calculus, with numerous examples.

LOGIC.

Whately's Logic ; Examinations ; Logical Analysis of arguments of various forms, and of passages from different authors.

Essays on various subjects.

MORAL PHILOSOPHY.

Text Books—Whewell's Elements of Morality and Bishop Butler's Sermons.

Lectures and Readings from Stewart and Brown.

Examinations twice a week.

Weekly exercises, and an Essay from each Student once a fortnight.

NATURAL PHILOSOPHY.

Lectures, three times a week, on the properties of Matter, Statics, Dynamics, Hydrostatics, Hydrodynamics and Hydraulics, Pneumatics, Heat, and Optics.

Earnshaw's Dynamics.

Examinations twice a week on Arnott's Physics, and the subjects of Lecture.

Essays and other exercises on the subjects of the course.