

§ 2.

MATHEMATICS AND PHYSICS.

Professor : JAMES LOUDON, M.A.*Mathematical Tutor* : ALFRED BAKER, M.A.*Demonstrator of Physics* : W. J. LOUDON, B.A.

Subjects of Lectures :

First Year.

Algebra—Equations, Proportion, Progressions.

Euclid—Bk. IV., VI., and Definitions of B. V.

Trigonometry—As far as Solution of Plane Triangles.

*Algebra, omitting Probabilities.

*Trigonometry.

*Analytical Conic Sections (Salmon's, omitting the Abridged Notation).

Second Year.

Elements of Statics and Dynamics.

*Newton's Principia, Sec. I. (Main's ed).

*Differential Calculus (Williamson).

*Integral Calculus (Williamson).

*Solid Geometry (Salmon—the selected course for Junior Readers, omitting methods of abridged notation).

*Spherical Trigonometry (Todhunter).

*Theory of Equations (Todhunter).

Third Year.

Elements of Hydrostatics and Optics.

*Analytical Statics (Minchin).

*Dynamics of a Particle (Tait and Steele).

*Newton's Principia, Secs. II. and III.

*Geometrical Optics (Jamin).

*Hydrostatics (Besant).

*Rigid Dynamics.

*Differential Equations (Boole, Chaps. II. and IX.)

*Only for Candidates for Honors.