

SECOND YEAR.

Elements of Statics and Dynamics (Cherriman's); *Analytical Conic Sections (Puckle's); *Newton's Principia, Secc. I, II, & III. (Evans' ed.); and *Rudiments of Differential and Integral Calculus (Hemming's).

THIRD YEAR.

Elements of Hydrostatics and Optics (Chambers' Educational Course); *Differential and Integral Calculus (DeMorgan's or Price's); *Analytical Geometry of two and three dimensions (Salmon's and Hymers'); *Theory of Algebraic Equations (Hymers'); *Analytical Statics (Todhunter's); *Dynamics of a particle (Sandeman's); Geometrical Optics (Parkinson's); *Hydrostatics (Miller's or Besant's).

FOURTH YEAR.

Elements of Astronomy (Herschel's), and Acoustics (Chambers' Educational Course); *Spherical Trigonometry (Todhunter's); *Newton's Principia, Secc. IX. & XI. (Evans' ed.); *Plane Astronomy (Hymers'); Lunar Theory (Godfrey's).

* * The Lectures on Natural Philosophy are illustrated by Apparatus.

§ 8.

METEOROLOGY.

Professor—G. T. KINGSTON, M.A.

Subjects of Lectures :

Nature and object of the science.

Properties of heat and gaseous bodies.

Construction and use of meteorological instruments and tables.
Mode of registering and classifying meteorological observations.

Reduction of observations at a given station. Diurnal and annual variation of the meteorological elements, deduced from a series of hourly observations. Calculation of the normal values of the several elements proper to any given epoch of the day and year. Non-periodic variations.

* Only for Candidates for Honors.