

MATHEMATICAL PHYSICS.—(*Third Year.*)—Todhunter's Statics, (omitting Chapter 13.)—Tait & Steele, Dynamics of a particle.—Besant's Hydromechanics, Chap. 1, 2, 3, 5.—Walton's Mechanical and Hydrostatical Problems.—Parkinson's Optics.—Main's Practical and Spherical Astronomy, (selected course.)

B. A. HONOUR COURSE.

PURE MATHEMATICS.—Hind's Plane and Spherical Trigonometry.—Todhunter's Theory of Equations.—Hall's Differential and Integral Calculus.—Boole's Differential Equations (selected course.)—Gregory's Examples of the Calculus (omitting the last two Chapters.)—Salmon's Conic Sections.—Salmon's Geometry of Three Dimensions (selected course.)

MECHANICS.—Todhunter's Statics.—Tait & Steele, Dynamics of a Particle.—Routh's Dynamics of a Rigid Body.—Besant's Hydromechanics.—Walton's Mechanical Examples.—Walton's Examples in Hydrostatics.

ASTRONOMY.—Main's Astronomy.—Sir John Herschel's Outlines of Astronomy (Part II. on the Lunar and Planetary Perturbations.)—Godfray's Lunar Theory.

Newton's Principia, Lib. I., Sects. 1, 2, 3, 9, and 11.

LIGHT.—Lloyd's Wave Theory of Light.

HEAT, ELECTRICITY, MAGNETISM, ACOUSTICS,	}	As in ordinary course.
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The examination for B. A. Honours will continue *four* days.

The examination for honours in the other years will continue *two* days.

Engineering students may be candidates for honours.

5. NATURAL HISTORY AND GEOLOGY.

Third Year. Mineralogy and use of the Blowpipe. Lithology. Elementary course in Chronological Geology. Text Books. Dana's Mineralogy and Synopsis by the professor.

For the best examinations in this Course, together with the Zoology of the third year, a prize of \$40 will be given from the surplus income of the Logan Medal Fund.

Fourth Year. The Lectures will include :—

1. An advanced course in General Geology and Palæontology, in connection with which the Students will be required to read Dana's Geology and Lyell's Student's Elements.

2. Methods of observation and of conducting Geological Surveys. Practical applications of the science. Excursions for Field Work will be undertaken when practicable.