

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

LIGHT.—Lloyd's Wave Theory of Light.

HEAT.	}	As in ordinary course.
ELECTRICITY,		
MAGNETISM.		
ACOUSTICS,		

The examinations 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.

COURSE FOR THE ANNE MOLSON MATHEMATICAL PRIZE.

The Mathematical Physics of the Honour Course in the Third Year :—

The value of the prize is about \$64. It is open for competition to Third Year Students in April 1880.

5. NATURAL HISTORY AND GEOLOGY.

Third Year.—Mineralogy and the use of the Blowpipe. Lithology. Elementary course of Chronological Geology. Text-Books :—Dana's Mineralogy and Synopsis by the Professor.

Fourth Year.—The Lectures will include :—

1. An advanced course in Lithology, 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. Canadian Geology, in connection with which the Students will read Reports of the Geological Survey of Canada, and Dawson's Acadian Geology.

3. Practical Exercises and instruction in the methods of Observation and of conducting Geological Explorations, and in the study of Palæontology. Text-books :—Von Cotta on Ore Deposits, Nicholson's Palæontology. Excursions for Field-work when practicable.

In addition to the above, the student is required to pass an examination in any one of the following subjects :—

1. Canadian Botany, as in Gray's "Text-Book," and "Manual," and specimens illustrative of these books from the Museum.

2. Zoology and Palæontology of Canada, as in Dawson's Hand-book and Billings' Palæozoic Fossils, with specimens from the Museum.

3. Mineralogy as in Dana, with specimens from the Museum.

Candidates for Honours will be expected to attain to such proficiency as to be able to undertake original investigations in some at least of the subjects of study. Students in the Faculty of Applied Science may be Candidates for Honours.