

A. *Ethics, or the Science of the Formation of Character.* I. The Feelings. II. The Appetencies. III. Ethical action. IV. Ethical Consciousness. V. Duties. VI. Virtues.

B. *Ontology, or the Science of Existence.* I. Existence in general. II. Existence in its special forms. § 1. The Ego or mind. § 2. The Non-ego or matter. § 3. The Universe. § 4. God.

Subjects of the *Final Examination*:—Stewart's *Outlines of Moral Philosophy*, by McCosh, Part II.; and the Professor's Lectures. Additional for Honours: Kant's *Critique of the Pure Reason*, the Transcendental Dialectic; Mackintosh's *Dissertation on the progress of Ethical Science*.

D.—CHEMISTRY AND NATURAL HISTORY.

Second Year—CHEMISTRY.

The work of the Session will embrace the principles of Inorganic and Organic Chemistry, and will be illustrated by diagrams, experiments, and explanatory lectures.

I Text-book: Draper's *Chemistry*; Ed. 1866; commencing at Part I.

Pass Examination:—Whole work of the Session; for Honours—Part I. of the Text-book.

Third Year—BOTANY AND ZOOLOGY.*

From the commencement of the Session to the Christmas vacation the work will embrace the principles of Botany, with the classification of plants.

Text-book: Gray's *First Lessons in Botany*.

From January to the close of the Session the subjects for study will be the function and classification of animals.

Text-book:—Patterson's *Zoology*, (last edition.)

Pass Examination:—Whole work of the Session; for Honours—a special paper.

Fourth Year—GEOLOGY.†

This subject includes Mineralogy and Palæontology. The Lectures are illustrated by large collections of minerals, rock-specimens and fossils from all parts of the world, and an extensive series of instructive diagrams. Heads of Lectures:—

I. Characters of minerals. II. Crystallography. III. Descriptions of the most important mineral species. IV. Physiographical geology. V. Dynamical geology. VI. Lithology. VII. Arrangement of rocks. VIII. Chronological geology. IX. Palæontology. X. Geology of Canada. XI. Geological observation and surveying. XII. Application of geology.

* Chemistry for third year Students this Session.

† Class opens on 5th January.