Anatomy and Physiology of Animals, with the Principles of Classification and the division of the Animal Kingdom into Provinces or Sub kingdoms.

(2) Descriptive Zoology, including the character of the Classes and Orders of the Animal Kingdom, illustrated by typical examples, and as far as possible by Cana-

dian species. Text-Book--Dawson's Hand-book of Zoology, with books of reference.

A Prize of about \$10 will be given for the best named collection of Canadian Fossils: conditions as stated above under Botany.\*

III. MINERALOGY AND GEOLOGY. (Fourth Year.)

- (1) Mineralogy.--Chemical and Physical characters of Minerals including Crystallography, the methods of determining species, and Descriptive Mineralogy; with special reference to these species most important to Geology, or useful in the Arts.
- (2) Physical Geology .-- Composition of Rocks and their structure on the small scale. Classification of Rocks. Arrangement of Rocks on the large scale; stratification, elevation and disturbances, denudation.
- (3) Chronological Geology and Palmontology .-- Data for determining the relative ages of formations. Classification according to age. Fauna and Flora of the successive periods. Geology of British America.

Text-Books.-- Dana's Manuals of Mineralogy and Geology, with Lyell's Elements.

The Lectures in Natural History will be accompanied with demonstrations in the Museum. Students in Natural History are also entitled to tickets of admission to the Museum of the Natural History Society of Montreal.

\* From the Surplus income of the Logan Medal Fund.

## 10. CHEMISTRY.

Lecturer, B. I. HARRINGTON, B. A., Ph. D.

First Year .-- A course of Elementary Chemistry preparatory to the course in Natural Science and Practical Science.

Text Book .-- Roscoe's Lessons in Elementary Chemistry.

## 11. METEOROLOGY.

Professor, CHARLES SMALLWOOD, M.D., LL.D.

Instruction in Meteorological Observations will be given in the Observatory, at hours to suit the convenience of the senior students.

## 12. ELOCUTION.

Mr. John Andrew, Instructor.

Students are recommended by the Faculty, to avail themselves of the instruction of Mr. Andrew, who will make arrangements for evening classes to meet during the B. A. H

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