

IV. *Physiological Chemistry*.—A Course for the Fourth Year Examination in Science, University of Toronto.

V. *Applied Chemistry*.—A Course on the Chemistry of Combustion, Fuel, Furnace, Artificial Lighting and Explosives, Building Materials, Water, Air and Sewage, and on Metallurgy, suited to the Examination for Third Year, Engineering Course.

#### PRACTICAL WORK IN THE LABORATORY.

I. Courses including Qualitative Analysis, suited to the Examinations for

- (a) First Year, Engineering Course.
- (b) Second Year, Honour Science, University of Toronto.
- (c) First Year, Medicine, University of Toronto.

II. Courses including Quantitative and Qualitative Analysis for

- (a) Second Year, Engineering Course.
- (b) Third Year, Honour Science, University of Toronto.

III. Chemistry Applied to Medicine, for Second Year Examination in Medicine, University of Toronto.

IV. A Course for Fourth Year Examination in Science, University of Toronto.

### III. MINERALOGY AND GEOLOGY.

#### COURSES OF LECTURES.

1. Elementary Course.—Rudiments of Mineralogy.  
Geology and Palæontology.  
Physical Geography.

*Text Books and Books of Reference*.—Chapman's Mineralogy and Geology of Canada, 3rd edition.

Dana's Manual of Mineralogy.

Dana's Text Book of Geology.

Page's Physical Geography.

Johnston's Elementary Physical Atlas.