The foregoing comprises the work to which the lectures and practical instruction will be principally confined. In addition, the student will be required to obtain, by reading and observation during his course, a certain amount of information regarding the processes and details of Engineering Works, as below :--

(VI.) ENGINEERING WORKS.

Roads and Bridges. Canals and Harbours. Water and Sewage Works. Workshop and Foundry Practice. Mining Machinery and Processes.

Since information on these subjects is given in a plain and intelligible manner in the various treaties relating thereto, which can always be consulted by the Engineer when engaged in the actual practice of his profession, it has not been deemed expedient that much time should be given to them in the School.

(VII.) MATHEMATICS.

The Pure Mathematics included in this course will be taught in the University of Toronto.

The Applied Mathematics will be taught partly in the University and partly in the School.

(VIII.) VACATION WORK.

THESIS AND CONSTRUCTION NOTES.

A subject will be given at the end of each session on which the student will be required to write a Thesis (accompanied with drawings and specifications when neces ary) during the subsequent vacation.

The student will also be required to make, during the vacation, full and clear notes of various constructions of engineering interest that may fall under his notice.

The value of both the Thesis and the construction notes will be taken into account in determining his standing at the next following examination.