

4. *leur donner ce qui manque à leur pays.* Parse the two words indicated by *italics*. How does *pays* differ from *patrie*?

5. *cinq cents années.* Write the French for nine hundred and ninety-nine years.

6. *Les Polonais font réellement.* Write out the Present Indicative of this verb.

7. Translate into French :- What are you doing? I see him coming. Do you think it will rain? I do.

## BOTANY.

*Time allotted, 1½ hour.*

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

1. What is meant by *inflorescence*? Describe the kinds of flower clusters, giving an example of each.

2. Describe the component parts of a simple flower. How is reproduction effected?

3. Describe the so-called 'flower' of the *compositae*. Mention three common Canadian examples.

4. Explain the construction of an apple fruit.

5. Explain the terms: *Colpation*; *pinnate*; *rootstock*; *filament*; *radicle*.

## CHEMISTRY.

*Time allotted, 1½ hour.*

1. Name the principal constituents of the air, and explain the change brought about when it is breathed by animals.

2. Explain how *Boric Acid* may be obtained from *Borax*. Mention important properties and uses of the acid.

3. What substances are formed:

(a) When *Hydrochloric Acid* is neutralized by *Caustic Soda*.

(b) When the same acid is poured upon *Zinc*.

Give the equations.

4. Name three important compounds of *Manganese* stating properties and uses of one of them.

5. Write a brief note on the chemical reactions involved in the extraction of iron from its ores.