

Give an analysis of the poem that would be of use in teaching it to a 3rd or 4th Form Class. State the development you would bring out and the impression you would wish the class to have at the end of the lesson.

### SCHOOL MANAGEMENT.

Time 1 hour.

1. Discuss fully :  
(a) Character building. (b) Punishments.

### SCIENCE OF EDUCATION.

Time 1 hour.

NOTE—Take the first question and any two of the remaining three.

1. The end of knowledge is not theoretical but practical : Discuss this proposition, finally deducing a preliminary definition of Education.
2. Explain and illustrate fully : "The Development of Intelligence is from the sensuous to the ideal."
3. The fundamental principle of the Synthetic Method is, "Teach in a connected manner." Show clearly what this demands.  
(a) of the teacher ; (c) of the pupil.
4. Give Spencer's argument for the superiority of science to language as a means of both intellectual and moral discipline.  
Comment on this argument.

### PSYCHOLOGY.

Time 1 hour.

NOTE—Take the first question and one of the remaining—illustrations necessary :

1. (a) Give Stout's views of the nature of perception, and of the function of attention in perception.  
(b) Discuss apperception and retention.
2. (a) Give after Warner a brief description of the brain ; and comment on the statement ; "All expression of the action of the mind is by movement."  
(b) Discuss "Counting is the fundamental numerical operation."
3. (a) "The so called faculties are the results of the progressive growth of intelligence in representative, ideal and related character."

Explain and illustrate this statement.

- (b) Discuss : "Quantity is limited quality ; and number is the definite valuation of a given quantity."

### METHODS IN PHYSICS.

Time 1 hour.

- (1) State and discuss reasons for the teaching of Physics.
- (2) Show how to teach a lesson in which you introduce the terms velocity, final velocity, average velocity and acceleration.
- (3) Show how you would make clear to a class the difference between density and specific gravity.

### METHODS IN BOTANY.

- (1) "Science is organized knowledge." From the standpoint of the teacher of a class of beginners in botany criticize fully this definition of Science.

(2) Discuss the Scientific Method in Education under the following heads :—(a) What it is. (b) How it originated. (c) The influence it has exerted on educational methods.

- (3) Outline the plan by which you would teach what a compound leaf is and also how you would make clear to your class the different kinds of compound leaves. Name the leaves you would require for your work.

### METHODS IN MODERNS.

Time 1½ hours.

1. Illustrate, in detail, your method of teaching to a Junior Leaving class either (a) or (b).  
(a) The agreement of the past participle of verbs conjugated with "avoir." Give the examples you would make use of.  
(b) The distinction between weak and strong verbs in German. Give sentences.
2. Discuss the following statements :  
(a) The harder the task the better the training, consequently Greek is a better training than German and Latin than French."  
(b) "The tendency of the age is for the study of the Moderns to supersede that of the Classics."

3. Outline in detail a lesson on one of the following extracts and give an acceptable translation. These extracts will be posted up in a suitable place at the Normal College—Editor).

4. (Extra for Specialists). Teach to a Senior Leaving Class the idiomatic constructions with "devoir."

### METHODS IN SCIENCE (Science Option.)

Time 1½ hours.

1. Outline the steps that must be taken in the progress towards a Scientific generalization and illustrate your answer by referring to a particular case.

2. Outline a plan of a lesson for a Fourth Form class on the relation between venation and the form of leaves. Name the specimens you would use to illustrate the various points of your lesson.

3. With a class of beginners in Chemistry you have reached the point where it is necessary to take up the preparation of Oxygen. What instructions would you give your class and what precautions would you require the pupils to take in the preparation and collection of Oxygen? Give your instructions in full and assign reasons for the precautions you would require your pupils to take.