

## GLOBES.

1. Name the principal lines on the Globes.
2. Give the rule for finding the latitude and longitude of any place.
3. State the rule for finding the difference of time between any two places.
4. Give the rule for finding the Sun's meridian altitude at a given place on a given day.
5. Give the rule for finding the time the Sun rises and sets at any given place, for any given day.

## DR. FORRESTER'S DEPARTMENT.

## QUESTIONS FOR FIRST SECTION IN NATURAL SCIENCE.

1. What are the two antagonistic forces in all inorganic bodies, and how do they operate?
2. What is to be understood by the Atomic Theory in the Science of Chemistry?
3. What are the characters by which we find out the properties of Minerals, and in which do we see the most palpable evidences of design?
4. How would you proceed in discovering the name of a plant, first, according to the artificial, and then according to the natural method of arrangement?
5. What is the difference between Physical Geography and Geology?
6. State the principles on which Geologists proceed in classifying the Minerals composing the earth's crust, and give an outline of the most advanced system of classification.

## QUESTIONS FOR SECOND SECTION IN NATURAL SCIENCE.

1. What is to be understood by Natural Science, and what are the branches of knowledge it embraces?
2. What are the three grand departments in any branch of Natural Science?
3. Point out the two processes pursued in all Chemical investigations, and give examples.
4. Describe the three organs of vegetation, the office each performs, and their mutual dependence.
5. Give an outline of the classification of the Animal Kingdom.
6. What is the leading object of the science of Geology, and what are the practical benefits of this science?

## QUESTIONS FOR FIRST SECTION IN PROFESSIONAL SUBJECTS, AS WELL AS FOR GRAMMAR SCHOOL CANDIDATES.

1. Show how in a public school, the diversity of intellectual endowments may be most extensively rendered subservient to the improvement of the whole.
2. On what is Moral Education based, and when and how should it be imparted?
3. State the deficiencies of natural conscience, of the works of nature, and of the events of Providence, as a guide in Moral Education, and how it is that the Bible exactly meets and supplies these deficiencies.
4. In what light is the system of rewards usually pursued in schools to be regarded, is it, or is it not, in accordance with the dictates of the Bible, as the only infallible standard in Moral Education?
5. Whence is the power of the Teacher in corporal punishment derived, and when may that species of punishment be resorted to, and when may it not?
6. Describe how English Grammar ought to be taught in accordance with the Training System.

## QUESTIONS FOR SECOND SECTION IN PROFESSIONAL SUBJECTS.

1. Give the derivation of the words Instruction and Education, and trace their differences and relations.
2. What is to be understood by the organization, and what by the management of Schools?
3. In what light is the government of Schools to be regarded,—as a means or as an end?
4. Enumerate the leading internal systems of Education that have obtained, and point out the distinctive features of the natural or training system.

5. Show in what way English reading, in all its branches, from the Alphabet upwards, ought to be taught, so as to be in strict accordance with the essential principles of the Natural or Training system.

6. What are the advantages of Mental Arithmetic, and when and how ought it to be taught?

7. Relate the advantages of a knowledge of Natural Science to the Educator.

The written answers to these questions are all carefully examined by the teachers of each department, and the Pupil-Teachers' names are all graded according to merit. These lists are handed over to the Principal, who, after a conjunct view of the whole, awards the Diplomas.

## PUBLIC REVIEW.

This took place on the 22nd and 23rd of last month. On the first of these days each of the Teachers took a rapid review of the work that had been done in his respective department. Dr. Forrester commenced by an examination on the great principles involved in Natural Science, and thereafter, at the request of the Rev. Professor Smith, tested the knowledge of the Pupils on the classification of the Vegetable Kingdom, according to the Natural method. Mr. Randall furnished some specimens of what the pupils had done during the course of the Term, in Elocution, English Grammar, Composition, Geography, History, and Astronomy; and Mr. Mulholland in Mental and Slate Arithmetic, Algebra, Geometry, and Natural Philosophy. Mr. Dickie, Teacher of Music, also furnished satisfactory evidence of the progress the Pupil-Teachers had made in the theory and practice of Music. At the end of every hour one or two tunes were sung, which tended not a little to enliven the other exercises. The second day was entirely devoted to professional subjects. The first two hours were spent in a searching examination on the leading features of the Training System. Thereafter the whole assembly repaired to the Model Schools, where, for the space of two hours, the Pupil-Teachers had an opportunity of furnishing proof of their skill in the practice of that system. On returning to the Normal School the Principal read out the names of those who had been successful in obtaining Grammar, First and Second Class Diplomas. The following is the list, with the counties whence they came:—

## GRAMMAR SCHOOL DIPLOMA.

Mr. Somerville Dickie, King's Co.

## 1ST. CLASS DIPLOMA.

*Ladies.*

Miss Janet Crocket, Sydney County.  
Jane Fleming, Colchester.  
Mary A. Waugh, do.  
Susan Bentley, do.  
Sarah Bentley, do.  
Amelia Archibald, Halifax.  
Mary E. Delaney, Colchester.  
Martha Dickie, do.  
Susan Johnstone, do.  
Caroline McKenzie, Pictou.  
Thirza Dodson, Colchester.

*Gentlemen.*

Mr. Samuel F. Raymond, Yarmouth.  
Caleb Phinney, Digby.  
James H. Doane, Shelburne.  
Jacob Layton, Colchester.  
James Little, do.  
John D. Bruce, Pictou.  
John Gunn, Inverness, C. B.  
Charles Archibald, Halifax.

## 2ND CLASS DIPLOMA.

*Ladies.*

Miss Catherine Archibald, Guysboro'.  
Sarah McLeod, Colchester.  
S. Walker, Lunenburg.  
Mary Annand, Colchester.  
Nancy Barnhill, do.  
Maria Kennedy, do.  
Charlotte Fletcher, do.