

# Annual Examination – April 2011

Set - II

Class : VIII  
Total Marks: 50

Section: A & B

Subject: Physical Science  
Time: 2 ½ Hrs

Time: 2.00 Hrs

Section – A :

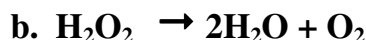
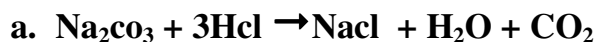
35 Marks

## I Understanding (Conceptual Understanding)

5 x 2 = 10 Marks

Answer any five of the following:

- 1) Why lightening and thundering occur on rainy days?
- 2) Explain on which principle Aeroplanes fly?
- 3) Explain the differences between Scalars and Vectors?
- 4) Balance the following equations



- 5) Write physical properties of oxygen and Hydrogen?
- 6) What are Ammonium salts? What are they?

## II Experiments / Field Experiment (Project)

2 x 5 = 10 Mark

Answer the following

- 7) Conduct an experiment that converts an Iron nail into a magnet by using Battery.  
Write your observations
- 8) Name the apparatus used in the preparation of chlorine in the laboratory. Write the process of preparation.

## III Drawing and Label the following (Drawing and Labeling)

2 x 5 = 10 Marks

- 9) Draw and label the clinical thermometer. What is the reason for the constriction in it?
- 10) Draw a neat diagram of magnetic lines of force around a bar magnet

#### **IV Higher Order thinking Questions**

*5 x 1 = 5 Marks*

**Answer the following questions**

- 11) A book kept in a vertical position has less stability than a book kept in normal position. Why
- 12) Write an innovative question on the working of Television.
- 13) Prepare a creative question on the Law of conservation of Mass.
- 14) What happens when the films in a film projector move less than 16 times per second?
- 15) What happens if the mercury level in Barometer falls slowly?

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