

National Education Society's High School

Bhandup (W), Mumbai - 4000 078.

I Preliminary Examination

Subject: Science & Technology A

No of pages: 01

Marks : 20

Time : 1Hr

Std : X _____

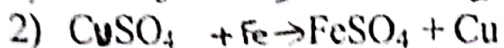
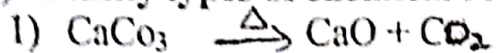
Date: 20/12/18

Roll No: _____

Section: A

I A) Identify types of chemical reaction

2M



2) Name the following

3M

1. The most reactive nonmetal
2. Unit of Gravitational Constant
3. The noble gas with the smallest atomic radius

II Answer the following

4M

1) State Newton's Universal law of gravitation. State mathematical expression for the same.

2) Distinguish between Mendeleev's periodic table & Modern periodic table

III Answer the following

6M

- 1) Distinguish between DC current & AC current
- 2) State Fleming's Left hand rule.

IV Answer the following

5M

- a) Draw neat & labelled diagram of Hope's Apparatus
- b) Define

1. Dew point temperature
2. Specific latent heat of fusion
3. Specific latent heat of vaporization