

National Education Society's High School  
Bhandup (w) Mumbai – 400 078  
I Monthly Test

Std: X ,Div: Sub-Science & Technology -I

Marks:10

Roll No: No of Pg-01

Time:45 mins.

Date:30/06/2018

---

- I) Write the name & symbol of the element from the description (3)
- a) The atom having the smallest size
  - b) The most reactive nonmetal
  - c) Two elements with valency zero
- II) Give Reason:-Atomic radius goes on increasing down a group. (2)
- III a) State Dobereiner's Triads (2)  
Illustrate with an example .
- b) Write down the electronic configuration of the following elements from the given atomic numbers. Answer the following question with explanation . (3)
- i)  $_{13}\text{Al}$ ,  $_{14}\text{Si}$ ,  $_{11}\text{Na}$ ,  $_{12}\text{Mg}$ ,  $_{16}\text{S}$   
Which of the above element has the highest metallic character?
  - ii)  $_{3}\text{Li}$ ,  $_{14}\text{Si}$ ,  $_{2}\text{H}$ ,  $_{11}\text{Na}$ ,  $_{15}\text{P}$   
Which of there element belong to be period 3 ?
  - iii)  $_{7}\text{M}$ ,  $_{6}\text{C}$ ,  $_{8}\text{O}$ ,  $_{5}\text{B}$ ,  $_{13}\text{Al}$   
Which is the most electronegative elements among these?