

Class: IX

Formative Assessment - I

Sub: Science

marks: 25

I. Answer any TWO of the following questions. 2 x 4 = 8

1. Define
a) melting point b) boiling point c) evaporation.
2. Name the characteristics of matter?
3. Describe an activity which provides the evidence for inter particle space?

II. Answer the following questions. 2 x 2 = 4

1. Why do we prefer to sip hot tea with a saucer rather than a cup?
2. How can we smell perfume sitting several meters away from source?

III. Answer the following questions. 3 x 1 = 3

1. Convert 27°C into Kelvin scale?
2. Convert 570k to Celsius scale?
3. Define diffusion?

IV. Fill in blanks. 4 x 1/2 = 2

1. Boiling point of water is _____ $^{\circ}\text{C}$.
2. All the matter is made of _____
3. _____ is amount of water present in air.
4. Gases neither have a _____ nor _____

V. Choose the correct answer. 6 x 1/2 = 3

1. No compressibility [] a) iodine
2. Solid carbon dioxide [] b) gases
3. Sublimation [] c) evaporation
4. Maximum diffusion [] d) dry ice
5. Gas to liquid [] e) solid
6. Liquid to gas [] f) condensation

VI. Project Work. 5 x 1 = 5