



Worksheet-1

Ques1. What is the boiling point of water at sea level

- a) 0 K
- b) 100 K
- c) 373 K
- d) none of the above

Ques2. Which of the following is the correct interpretation of dry ice

- a) it is water in solid state
- b) it is water in vapour state
- c) it is carbon dioxide in vapour state
- d) it is carbon dioxide in solid state

Ques3. The process in which liquid change into solid is called

- a) sublimation
- b) condensation
- c) melting point
- d) boiling point

Ques4. What was the classification of elements in ancient times. Name them?

Ques5. Why liquid classified as a fluid ?

Ques6. Why does solid ice floats on water?

Ques7. Which property of gases helps us in detecting the leakage of LPG gas?

Ques8. How will you differentiate between a gas and a vapour?

Ques9. What are the necessary conditions of a substance to be classified as a matter?

Ques10. Fill in the blanks and give a suitable reason for your answer.

- a) As the temperature rises, particles move.....
- b) With an increase in temperature, the kinetic energy of the particles also.....

Ques11. Why are the particles in liquid held together less firmly as compared to solid?

Ques12. Convert the following temperature to the Kelvin scale.

- a) 65 °C
- b) 300 °C