

ARJUNA (NEET)

STATES OF MATTER

DPP-09

1. Which of the following increases with the increase in temperature in case of a liquid?
(A) Vapour pressure
(B) Surface tension
(C) Viscosity
(D) All of these
2. The condition of free vapourisation throughout the liquid is called
(A) Freezing (B) Melting
(C) Evaporation (D) Boiling
3. If pressure is 1 bar, then the boiling temperature is called
(A) Normal boiling point
(B) Standard boiling point
(C) Abnormal boiling point
(D) Simple boiling point
4. Liquids at higher altitude boil at (in comparison to sea level)
(A) Lower temperature
(B) Higher temperature
(C) Same temperature
(D) Cannot say
5. Choose the correct statement(s):
(A) Boiling does not occur when liquid is heated in a closed vessel
(B) On heating continuously vapour pressure of a liquid increases in a closed vessel
(C) Liquids may be considered as a continuation of gas phase into a region of small volume and very strong molecular attractions
(D) All of these
6. Standard boiling point of the liquid is slightly
(A) Lower than the normal boiling point
(B) Higher than the normal boiling point
(C) Same as the normal boiling point
(D) May lower or higher than the normal boiling point
7. Liquids tend to rise or fall in capillary because of
(A) Boiling (B) Evaporation
(C) Surface tension (D) Viscosity
8. Which of the following is the unit of coefficient of viscosity?
(A) Ns m^{-2} (B) Pa s
(C) $\text{kg m}^{-1} \text{s}^{-1}$ (D) All of these
9. As the temperature rises viscosity of liquids
(A) Increases
(B) Decreases
(C) Remains same
(D) Increases or decreases depending on the nature of liquid
10. Which of the following is the most viscous liquid?
(A) Water
(B) Alcohol
(C) Glass
(D) Ethylene glycol

ANSWERS

1. (A)
2. (D)
3. (B)
4. (A)
5. (D)
6. (A)
7. (C)
8. (D)
9. (B)
10. (C)



***Note* - If you have any query/issue**

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