

Holiday Homework
Subject – Chemistry
Class IX
Session – 2025 - 26

Answer the following questions briefly:-

Q1. What is the effect of humidity on evaporation?

Q2. What is the effect of impurity-

(i) On the melting point of a solid?

(ii) On the boiling point of a liquid

Q3. What is the relationship between Celsius and Kelvin scale ? Convert the following

(i) 302K into Celsius scale

(ii) 375 °C into Kelvin Scale

Q4. Show the interconversion of different states of matter with the help of a flow chart.

Q5. Ice floats over water, why?

Q6. What are the two ways in which a gas can be liquified?

Q7. What is the difference between boiling and evaporation?

Q8. Why surgeons often spray some ether on skin before performing minor surgery?

Q9. Define latent heat of fusion of ice.

Q10. Write the SI units of the following measurable quantities:

Temperature

Length

Mass

Weight

Volume

Density