



## ASSIGNMENT NO. 2

**SUBJECT: CHEMISTRY**

**CLASS-IX**

**MAY,2025**

### **Chapter :1 Matter In Our Surroundings.**

#### **Answer the following questions :**

1. What would be the effect of :  
(i) temperature (ii) density of liquids on the rate of diffusion of liquids .
2. What is meant by latent heat of vapourisation ?
3. What happens to the melting point of solids with the decrease in pressure ?
4. Why do we sweat more in humid days ?
5. Dry ice is compressed under high pressure. What happens to it when the pressure is released ?
6. Which factors determine the state of a substance ?
7. Convert  $30^{\circ}\text{C}$  into Kelvin .
8. Water droplets are observed on the outer surface of a glass tumbler containing ice cold water.  
Give reason .
9. Describe an activity to show that rate of evaporation increases with surface area.
10. What is the effect of sprinkling of water on the roof or open ground on a hot sunny day ?