

Matter In Our Surroundings - Important Questions

[Important Questions Notes](#)

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1. Why do we see water droplets collected on the outer surface of a container containing ice cold water?
2. Explain why temperature remains constant during interconversion of states of matter?
3. Why do people sprinkle water on the roof after a hot sunny day?
4. Why is ice at 273 K more effective in cooling than water at the same temperature?
5. What produces more severe burns, boiling water or steam?
6. What do you mean by sublimation? What is dry ice?
7. What is evaporation? Write the factors influencing evaporation.
8. Differentiate between evaporation and boiling.
9. Why does the temperature of a substance remain constant while changing from one state to another state even when heat is being supplied to it continuously?
10. Convert the following temperatures to Fahrenheit scale:
 1. 40 °C
 2. 423 K
11. A diver is able to cut through water in a swimming pool. Identify which property of matter is working here?
12. What do you mean by diffusion? Why diffusion becomes faster at higher temperature?