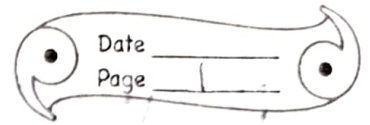


Hw
10-11-21

Heat Ch-B



1) What are the effects of heat?

Ans. i) Change in temperature of the body
ii) Change in size or shape of the body
iii) Change in state of the body
These are the three effects of heat.

2) Define thermal expansion.

Ans. The increase in size of the body due to heating is called thermal expansion.

3) Define sublimation and condensation.

Ans. When a solid directly changes into its vapour form on heating is known as sublimation.

When a vapour changes ^{to its} liquid form on ~~heating~~ cooling is known as condensation.

4) Define Latent heat.

Ans. During change of state at a fixed temperature, heat is either absorbed or released but this heat does not change the temperature of the substance. It is called latent heat.