

## Home assignment

### Questions

- 1) What are the effects of heat?
- 2) Define thermal expansion.
- 3) Define sublimation and condensation.
- 2) Define latent heat.

### Answers

- 1) Some effects of heat are -
  - Rise in temperature.
  - Increases volume
  - Changes state
  - Changes physical properties.
- 2) Thermal expansion is the tendency of matter to change in shape, volume and area in response to a rise of temperature.
- 3) • Sublimation - When solid directly changes to vapour form is known as sublimation.  
• Condensation - When water vapour cools down and changes into liquid or solid is known as condensation.

21) The heat required to convert a solid into liquid or vapour, or a liquid into vapour, without change of temperature.