

Homework

1. What are the effects of heat?

A) Heat produces mainly the following three effects:

1. Change in temperature of the body.

2. Change in size or shape of the body.

3. Change in state of the body.

2. Define thermal expansion.

A) The expansion of a substance when heated, is called thermal expansion.

3. Define sublimation and condensation.

A) Sublimation: - Sublimation is the process by which a solid directly changes into its vapour state.

Condensation: - Condensation is the change of the state of matter from the gas phase into the liquid phase, and is the reverse of vaporization.

4. Define latent heat.

A) Latent heat is energy released or absorbed by a body, but does not change the temperature of the body during the change of state of that body.