

Exercise - II

- 1) Define
- (a) Filtration
- (b) Sublimation
- (c) Evaporation
- (d) Crystallisation

Ans (a) Filtration: The process of separating solid particles ~~from~~ from ~~the~~ liquid by allowing it to pass through a filtration.

(b) Sublimation: The process in which a solid changes directly into ~~and~~ its vapours on heating is called sublimation.

(c) Evaporation: Is the process in which of converting a liquid into its vapour state either by exposing it to air by heating.

(d) Crystallisation: Evaporation of liquid from a homogeneous liquid-solid mixture and collecting solid in the form of crystals is called crystallisation.

(e) Miscible Liquids: Homogeneous liquid-liquid mixtures are called miscible liquids.

(f) Immiscible liquids: Heterogeneous liquid-liquid mixtures are called immiscible liquids.

Q2: Why do we need pure substances?

Ans- We need pure substance, because of the following reasons.

1) A pure substance has a fixed melting and boiling point.

2) A pure substance has its characteristic taste, colour and odour.

3) Pure substances can not be broken further into more simple substances by any physical means.