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Evergreen

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## Exercise - II

1. (a) Filtration: The process of ~~se~~ separating solid particles from liquid by allowing it to pass ~~through~~ through a filter paper is called filtration.
- (b) Sublimation: The process in which a solid changes directly into its vapours on ~~heat~~ heating is called sublimation.
- (c) Evaporation: ~~It is~~ It is the process of converting a liquid into its vapours state either by ~~exposing~~ exposing it to air or by heating.
- (d) Dry Crystallisation: Evaporation of liquid from a ~~two~~ homogeneous liquid ~~and~~ solid mixture and collecting solid in the form ~~of~~ 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.

2. We need pure substances because of the following reasons:

- A pure substance has a fixed melting and fixed boiling point.
- A pure substance has its characteristic taste, colour, and odour.
- Pure substances can not be broken further into more simpler substances by ~~any~~ <sup>any</sup> physical means.

3. (a) Iron and sulphur  
(b) Sand and water, ~~and~~ rice and water

(c) Sugar from its solution in water

4. (a) Filtration: Glass and sugar on ~~direct~~ dissolving in water and filtering, glass separates out as residue on the