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## Exercise II

### 1. Define

- a. Filtration - The process of separating insoluble solid particles from a liquid by allowing it to pass through a filter is called, filtration.
- b. Sublimation - The process in which a solid changes directly into its vapour on heating is called sublimation.
- c. Evaporation. - Evaporation is the process of converting a liquid into its vapour state, either by exposing it to air or by heating.
- d. Crystallisation - It is a process of obtaining crystals from a solution containing more solute than it can hold at room temperature.

2. Why do we need pure substances?

ans- We need pure substances because:

- A pure substance has a fixed melting and boiling point.
- Pure substance has its characteristics taste, odour, and colour.
- Pure substances cannot be broken further into more simple substances by any physical means.