

## SEPARATION OF SUBSTANCES

P4: quiz

- Pure water can be separated from the salt water by the process of \_\_\_\_\_.
  - Sublimation
  - Distillation
- The process of conversion of water into its vapor is called \_\_\_\_\_.
  - Evaporation
  - Sublimation
- In \_\_\_\_\_ process, liquid is evaporated by heating, leaving the solid remains in the crystalline form.
- The process in which a substance changes directly from solid to gaseous form and vice versa is called \_\_\_\_\_.
- You can separate a mixture of different colors by using \_\_\_\_\_ method.
- Separation is necessary when we need to remove unwanted things.
  - True
  - False
- Match the following:
  - Evaporation      ( ) i. Produces pure water
  - Crystallization      ( ) ii. Solid into a gas
  - Sublimation      ( ) iii. Produces salt or sugar crystals
  - Distillation      ( ) iv. Water into vapor

## ANSWERS

1. B. distillation
2. A. evaporation
3. Crystallization
4. Sublimation
5. Chromatography
6. True
7. A-iv, b-iii, c-ii, d-i

