



## SCIENCE

### CH: 5 SEPARATION OF SUBSTANCES

Class: VI

- I Fill in the blanks:**
1. Milk is ----- to separate butter from it.
  2. Husk and stone are removed from wheat grains before grinding by -----
  3. The method of ----- is used in the process of preparing cottage cheese.
  4. Water dissolves ----- amounts of soluble substances in it.
  5. Oil and water can be separated from their mixture by ----- and -----.
  6. Grains and husk can be separated by -----.
  7. Separating tea leaves from tea using a strainer is -----
  8. A solution in which no more of a substance can be dissolved is -----
  9. More of a substance can be dissolved in a solution by ----- it or by adding more of ----- to it.
  10. ----- is used to separate a soluble substance from a solution.
- II Define the following.**
- a) Handpicking:
  - b) Threshing:
  - c) Winnowing:
  - d) Filtration:
  - e) Sedimentation:
  - f) Decantation
- III Answer the following**
1. What is a saturated solution? What happens when a hot saturated solution is cooled?
  2. Explain the processes involved in obtaining pure common salt from sea water.