



SCIENCE

CH: 5 SEPARATION OF SUBSTANCES

Class: VI

I **Fill in the blanks:**

1. Milk is ----- to separate butter from it.
2. ----- is used when slightly larger sized impurities are removed from a mixture.
3. The method of ----- is used in the process of preparing cottage cheese.
4. Lighter husk can be separated from heavier grains by -----
5. Oil is separated from water from their mixture by -----
6. Grains can be separated from stalk by -----.
7. Separating tea leaves from tea using a strainer is -----
8. A solution in which no more of a substance can dissolve 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.