

## Separation Of Substances

I) Fill in the blanks :

1. The argemone oil can cause \_\_\_\_\_ disorders.
2. The choice of the method of separation depends upon the \_\_\_\_\_ and \_\_\_\_\_ of the components of a mixture.
3. In \_\_\_\_\_ process heavier grains are separated from lighter husk by wind.
4. Pebbles can be separated from the sand by the process of \_\_\_\_\_
5. In a solution , the \_\_\_\_\_ solids settles down at the bottom by sedimentation.
6. The process of increasing the sedimentation by adding chemicals is called \_\_\_\_\_
7. The clear liquid obtained after filtration is called as \_\_\_\_\_
8. The solids left on the filter paper after filtration is known as \_\_\_\_\_
9. A \_\_\_\_\_ solution cannot dissolve more of the substances at a given temperature.
10. The reappearance of excess dissolved substance from the solution on cooling is called \_\_\_\_\_

II) Name the following :

1. The process by which butter separated from curd.
2. Chemicals used for loading or increasing sedimentation.
3. The method for separating a soluble solid from its solution.
4. The process by which pure salt separated from impure salt.
5. Diseases caused by bacteria in water.
6. Method for separating paneer from curdled milk.
7. The gas used for killing micro organisms in water.
8. The method for separating two immiscible liquids.

III) True or False :

1. Stones can be separated from rice by winnowing .
  2. Mixture of wheat flour and pulses can be separated by sieving.
  3. In a solution the soluble solids will settle down.
  4. Mixture of water and oil can be separated by filtration.
  5. The water vapour changes to water by condensation.
  6. Different amounts of soluble substances dissolve in fixed amount of water.
-