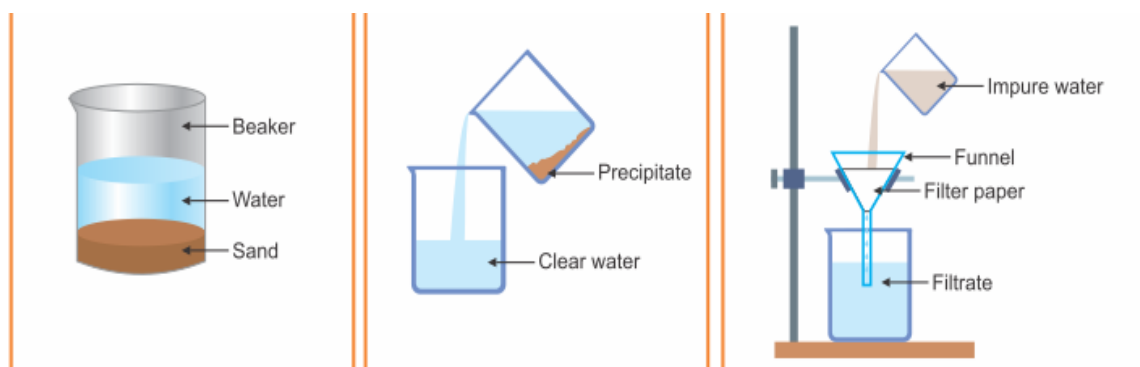


CLASS : VI

ONLINE CLASS NOTES

DATE: 8/7/20

**LN- 5 – SEPARATION OF SUBSTANCES:      KEYPOINTS – 3****1. ACTIVITY :1****AIM** : To know the techniques of sedimentation, filtration and decantation.**MATERIALS REQUIRED** : Glass, water, soil, filter / strainer/ cotton cloth.**PROCEDURE** : Take a glass of water, add handful of soil in it. Wait for 10 minutes. Observe the soil particles after settle down. Pour the water into another glass just by tilting the glass slowly by using a filter/ strainer / cotton cloth.**RESULT** : Soil which is settled down – this is called sedimentation  
Pouring water into another glass by tilting slowly –this is called decantation  
Filtering the water using filter/ strainer/ cloth – this is called filtration.

2. **SEDIMENTATION** : The process of settling of heavy solid particles in a mixture, after water is added, this is called sedimentation.  
Eg. Good groundnuts / chenna seeds settled down and the spoiled groundnuts are floats on top.
3. **DECANTATION** : The process of transfer of clean liquid from one vessel to the other without disturbing the settled particles is called as decantation. Eg: Rice with water.
4. **FILTRATION** : The process of separating the solid particles from liquid through a filter paper is called filtration. Eg : Tea leaves filtered from tea

