



KALPAVRUKSHA MODEL SCHOOL

ONLINE CLASS ASSIGNMENT

Class: VI

Sub: Chemistry

Date: 5.08.2021

Topic: Separation of Substances (Practical)

I. Answer the following questions:

1. Define sedimentation and decantation.

Ans : The process of separating insoluble solids which is mixed with the liquid by allowing them to settle down is called sedimentation.

The process of pouring out the clear upper liquid without disturbing the sediments is called decantation.

2. Mention the aim of the experiment.

Ans : To observe cleaning of sand by sedimentation and decantation.

3. What will you observe at the end of the practical?

Ans : When the mixture is allowed to stand, most impurities come up and float near the surface, whereas the rice settles down. On decanting the water, we get cleaner sand.

5. Describe the method to observe cleaning of sand by sedimentation and decantation.

Ans : 1)Observe the sand and record your observations. Does the sand look dirty?_____

2)Now, mix the sand with water in a bowl and allow it to stand for something.

3)Without disturbing the layer of sand, decant the water.