

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Separation of Substances

Q1. Which method can be used to separate soil from mixture of soil and grains?

Ans. \_\_\_\_\_

Q2. Which method farmers use to separate grains from bundles of stalk?

Ans. \_\_\_\_\_

Q3. Which method do you prefer for tea leaves from prepared tea?

Ans. \_\_\_\_\_

Q4. Filtration method is used to separate tea leaves from prepared tea. Which other method can be used?

Ans. \_\_\_\_\_

Q5. List various methods of separation of components from their mixtures.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. The process of adding alum to water to fasten sedimentation is called loading. Why has this name been given to the process?

Ans. \_\_\_\_\_

## Separation of Substances

Q1. Which method can be used to separate soil from mixture of soil and grains?

Ans. Sieving

Q2. Which method farmers use to separate grains from bundles of stalk?

Ans. Threshing

Q3. Which method do you prefer for tea leaves from prepared tea?

Ans. Filtration

Q4. Filtration method is used to separate tea leaves from prepared tea. Which other method can be used?

Ans. Decantation

Q5. List various methods of separation of components from their mixtures.

Ans. Some of the methods are: handpicking, winnowing, threshing, sedimentation, decantation, filtration, evaporation and condensation.

Q6. The process of adding alum to water to fasten sedimentation is called loading. Why has this name been given to the process?

Ans. It is because the suspended light particles become heavy on adding alum.