

Q1. Differentiate between pure substances and mixtures -

Ans.	Pure Substances	Mixtures
	<ul style="list-style-type: none"> A pure substance is made up of only one kind of atoms or molecules. 	<ul style="list-style-type: none"> A mixture is an impure substance made up of different kinds of elements and compounds held loosely.

Q2. Give 3 examples of homogeneous and heterogeneous mixtures.

Homogeneous mixture	Heterogeneous mixture
<ul style="list-style-type: none"> - Salt + water - Water + alcohol - Ammonia + water 	<ul style="list-style-type: none"> - Chalk in water - Oil in water - Petrol in water

Q3. Explain the principle of the process of winnowing for separation of solid-solid mixture.

Ans - The ~~process~~ process is:

- Take a mixture of rice and husk.

When it is allowed to fall from a height, rice grains being heavier, fall vertically down while husk & stalks blown away by air at a small distance.

25. Give 3 examples of homogeneous mixtures.

1. Salt & water
 2. Water & alcohol
 3. Air

26. Explain the principle of separation of mixtures.

27. The first part of the mixture of rice and husk is