

## Exercise - II

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### Objective type questions

I- Fill in the blanks :

- (a) The substances that make a mixture are called its constituents or components.
- (b) Decantation is a process to separate solids dissolved in liquids.
- (c) Mist is a heterogeneous mixture of droplets of water and air.
- (d) Clay is separated from water by the method of Decantation.
- (e) When cereals are washed before

cooking water is separated from the cereals by decantation

(f) Crystallisation is a process to obtain a very pure form of a solid dissolved in a liquid

(g) Ammonium chloride can be separated from common salt by the method of sublimation

(h) The solid particles which remain on the filter paper are called residue and the liquid which passes through

it is called liquor

The process of transferring the clear liquid above the solid particle which settle the bottom of the container is known as decantation

Titration is a method used for the separation of an insoluble solid from a solid-liquid mixture.  
Write "true" or "false" for the following statements

A pure substance consists of only

one kind of atom or molecule  
True

- (b) Common salt is separated from its solution in water by decantation. False
- (c) Winnowing is a process to remove small stones from grains. True
- (d) Gold Jewellery is a homogeneous mixture of metals. False
- (e) Air can be separated from water by filtration. True
- (f) Salt and air dissolve in

water. add taste to water <sup>false</sup>

Q. Steel is an alloy of iron  
and aluminium <sup>false</sup>.