

OBJECTIVE TYPE QUESTIONS

1. Fill in the blanks.

- a) The substances that make a mixture are called its constituents or components.  
to
- b) Evaporation is a process, separate solids dissolved in liquids.
- c) Mist is a heterogeneous (liquid and <sup>gas</sup>) mixture of droplets of water and air.
- e) ~~d)~~ When cereals are washed before cooking, water is separated from the cereals by decantation.
- d) ~~e)~~ Clay is separated from water by the method of loading and decantation.
- f) Crystallisation is a process to obtain a very pure form of a solid dissolved in 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 filtrate.
- i) The process of transferring the clear liquid above the solid particles which settle at the bottom of the container is known as decantation.
- j) Filtration is a method used for the separation of an insoluble solid from a solid-liquid mixture.
2. Write "true" and "false" for the following statements:
- a) 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. False

- d) Gold ~~ju~~ jewellery is a homogeneous mixture of metals. False
- e) Air can be separated from water by filtration. False
- f) Salt and air dissolved in water add taste to water. True
- g) Steel is an alloy of iron and aluminium. False