

Q1) A3

Pure substances

Mixtures

* It is either elements or compound and they contain same type of atoms and molecules.

* A substance in which some other substances are also present.

* Ex → gold and sugar

* Ex → air

Q2) A3 * Homogeneous →

i) The salt solution made up of salt and water.

ii) The ~~the~~ sugar solution made up of sugar and water

iii) A cup of tea made up of tea leaf and sugar.

* Heterogeneous → i) Soil is a mixture of many compounds.

ii) Sand in water.

iii) Oil in water

③ Ans The method of winnowing is used to separate lighter solids from heavier ones. For example: when we take husk and rice, the rice is heavier, so it will ~~remain~~ fall vertically down ~~by~~ but husk is lighter one, so it will be blown away by the air.