

H.W
2/11/21

O.D.M Connect Assignment

Exercise - I

- ① A*) Homogeneous mixture: Salt solution, alcohol and water, air dissolved in water, sea water, brass.
- * Heterogeneous mixture: Sand and charcoal, air, fruit juice, mist, petrol and water.
- ② A) a) Pure substances: "Pure substance is either element or compound. It contains the same kind of atom or molecules and has a definite set of physical and chemical properties."

b) Impure substance: "A substance in which some other substances are also present in smaller or larger amounts is called an impure substance. Mixtures are impure substance.

Example: air is an impure substance.

c) Alloy: "A homogeneous mixture of ~~water~~ two or more metals or a metal and a non-metal is called an alloy."

d) Solution: "The homogeneous mixture of water (or any other solvent) and a substance soluble in it is called a solution."

e) Heterogeneous mixture: "A mixture in which the components are not uniformly distributed through its volume and can be

easily seen separately is called heterogeneous mixture."

f) Homogeneous mixture: "A mixture in which its constituents are uniformly distributed throughout its volume and cannot be seen separately is called a homogeneous mixture."