

HOLIDAY ASSIGNMENT

CHEMISTRY

CLASS-VII

Level-1 (MCQ)

- 1) The compound rust is a hydrated oxide of
 - a) Copper
 - b) Aluminium
 - c) Iron
 - d) Gold
- 2) When sugar is heated, its colour changes into
 - a) Red
 - b) Blue
 - c) Black
 - d) Grey
- 3) Which of the following is an example of a homogenous mixture?
 - a) Tap water
 - b) Distilled water
 - c) A mixture of Sand and water
 - d) A mixture of water and oil
- 4) A pure liquid can be obtained from a solution by
 - a) Evaporation
 - b) Distillation
 - c) Filtration
 - d) Crystallisation

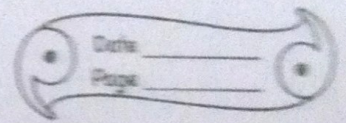
Same category

- 1) Substances are made up of same kind of atoms.
- 2) Elements and compounds are pure substances.
- 3) In a mixture the substances are not combined chemically.
- 4) Clay is separated from water by the method called loading / Decantation
- 5) Crystallization is a process to obtain a very pure form of a solid dissolved in a liquid.
- 6) Camphor and ammonium chloride can Sublime

Give One Word for the following: -

- 1) The solid particle that remains on the filter paper after the filtration. Residue
- 2) The liquid which evaporates and then condenses during the process of distillation. Distillate
- 3) The process of transferring the clean liquid after the solid settles at the bottom of the container. Decantation
- 4) The process by which two miscible liquids are separated. Fractional Distillation

Matter



- * Matter is anything that occupies space and has mass and can be perceived by our sense organs.
- * All physical objects are composed of matter and an easily observed property of matter is its state or phase.
- * The classical states of matter are solid, liquid and gas.
- * Each of the five elements represents a state of matter in nature.
- * Heat and cold can change any state of matter.

1. Matter is anything that has mass, occupies space and can be perceived by our ~~sence~~ senses.

2. Burning of paper

3. Changing of ~~time~~ seasons

4. Burning of candle is a chemical change while melting of wax is a physical change

5. To get a pure and ~~the~~ desirable substance

6. The process by which solid changes directly to gaseous form is called sublimation.

Signs of chemical changes

- In chemical change more than one sign is present.
1. Change in colour
 2. change in odour
 3. production of heat
 4. Bubbling
 5. Fizzing or foaming
 6. Sound or light given off
 7. gas given off

9. In distillation we get both the substances at once