



TEST PAPER: CHEMISTRY

Time: 45 Minutes

Class: ICSE 8

Max. Marks: 30 Marks

Date: 18TH July 2018

Question 1:

A. Differentiate between mass and weight.

B. Give one word for the following:

- An atom or group of atom having a resultant charge.
- The state of matter which has least density and no free surfaces.
- The state of matter which has high density and cannot be compressed.

C. Draw a labelled schematic diagram representing melting, vaporization, liquefaction, solidification and sublimation.

Question 2:

A. State the main postulates of kinetic theory of matter.

B. Classify following into physical and chemical changes:

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|----------------------|----------------------------|
| a. Cutting of wood | d. boiling of milk |
| b. Lighting a match | e. souring of milk |
| c. Digestion of food | f. tarnishing of jewellery |

C. Give reason why burning of magnesium ribbon in air is considered a chemical change.

Question 3:

A. Differentiate between liquefaction and vaporization.

B. Why rusting of iron is a chemical change but magnetization of iron is a physical change.

C. Give reasons for the following:

- Particles of matter move more rapidly on application of heat.
- Solids cannot be compressed but gases are highly compressed.