



CLASS :6

Subject: Chemistry

Topic: Answers to worksheets

Dated: 16.6.2020 to 18.6.2020

Answers to Worksheet No.:10

Date :16.6.20

Match the following :

- 1) d
- 2) a
- 3) f
- 4) c
- 5) b
- 6) e

State true or false :

- 1) False
- 2) True
- 3) True
- 4) True
- 5) True

Define the following terms :

- 1) Magnetic separation is a method of separating solid-solid mixtures when one of the components is a magnetic substance.
- 2) Winnowing is a process of separating lighter particles of a mixture from heavier ones. It is used to separate grains from the chaff.

- 3) The process by which a solid changes into vapour on heating is called sublimation.
- 4) Loading is a process in which fine suspended particles in a solid-liquid mixture are made to settle down faster by adding special chemicals.
- 5) The process of separating a pure solid in the form of its crystals from its solution is called crystallization.

Answers to Worksheet No.:11

Date :17.6.20

State true or false :

- 1) False
- 2) True
- 3) False
- 4) False
- 5) True

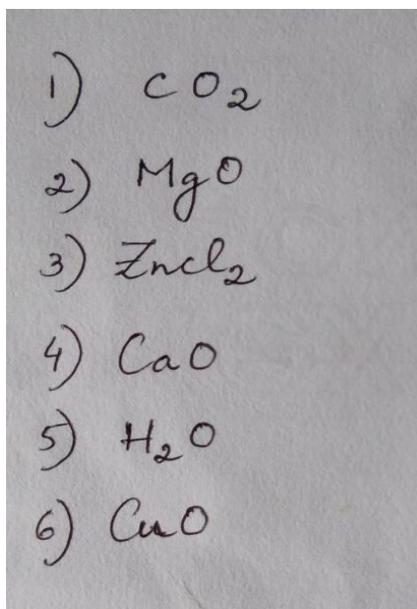
Give reasons for the following statements:

- 1) Because it contains only one kind of atoms.
- 2) Because it is a compound and so the constituents are present in a fixed ratio.
- 3) Because it is a good conductor of heat and electricity.
- 4) Because it is a good conductor of heat and electricity.
- 5) Because it does not support combustion.
- 6) Because their constituents have different kinds of molecules.

Answers to Worksheet No.:12

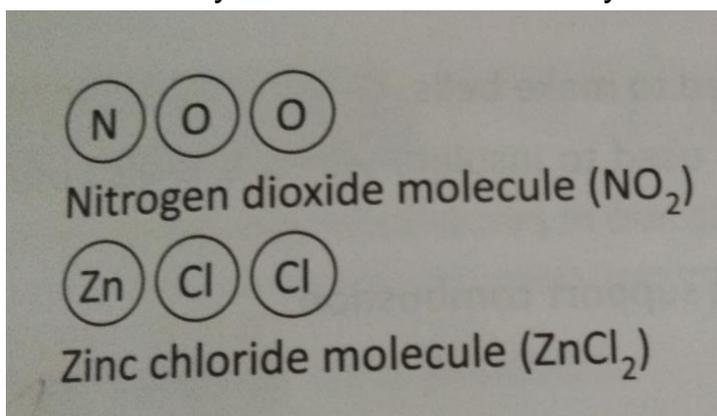
Date :18.6.20

Write the molecular formula of the following compounds:



Answer the following questions :

1) Because they do not react chemically with other elements.



2)

3) Choose any two according to your choice.

Table 2.4: Differences between Elements and Compounds

Element	Compound
An element is made up of only one kind of substance.	A compound contains two or more elements combined together in a fixed ratio.
An element cannot be broken down into simpler substances by chemical methods.	A compound can be broken down into its constituent elements by chemical methods.
An element has its own set of properties.	The properties of a compound differ from those of its constituent elements.
An element is represented using a symbol.	A compound is represented using a formula.

4) Sea water is collected in shallow beds and is allowed to evaporate under the heat of the sun. In a few days, the water gets evaporated and the salt is left behind which is purified before use.

5) Threshing is a method of separating grains from stalks. Stalks are dried in the sun before the grains are separated from them. The stalks are then beaten to remove the seed grains.

6) By the method of filtration.

7) A molecular formula is a chemical formula that represents the the total number and kind of atoms in a molecule.