



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 30.11.20

Duration: 40 min

Worksheet Solution 08

Full Marks: 15

LANGUAGE OF CHEMISTRY

Choose the Correct options:

- 1) Any ion or a molecule that can receive a hydrogen ion is called –
(a) Alkali **(b) Base** (c) Catalyst (d) none of these
- 2) Catalyst is a substance which is responsible for –
(a) analysis **(b) catalysis** (c) diffusion (d) none of these
- 3) A phenomenon which alters the rate of chemical reaction is called –
(a) electrode (b) Alkali **(c) catalyst** (d) Base
- 4) A liquid or solution which is capable of conduction electricity –
(a) Electrode **(b) electrolyte** (c) both a and b (d) none of these
- 5) A system consisting of electrode immersed in a solution of electrolytes is called –
(a) electrolytic cell (b) Electron volt (c) catalysis (d) all of these
- 6) Combination with oxygen or removal of hydrogen or loss of electron by an atom, ion or a molecule is called –
(a) reduction **(b) oxidation** (c) both (a) and (b) (d) none of these
- 7) In metal reactivity series, metals are arranged in order of their
(a) atomic number (b) mass number **(c) reactivity** (d) none of these
- 8) Which of the following metal comes after potassium in the activity series of metals –
(a) Sodium (b) Calcium (c) Magnesium (d) Zinc
- 9) An oxide, which neither forms salt with a base nor with an acid is called –
(a) Amphoteric oxide (b) Basic oxides (c) acidic oxides **(d) neutral oxides**
- 10) An oxide which can react with an acid as well as a base is called _____
(a) Amphoteric (b) Neutral (c) Basic (d) acidic
- 11) Which of the following is the acidic oxide?
(a) Carbonic acid (b) sulphuric acid (c) sodium oxide **(d) carbon dioxide**
- 12) Which of the following is the metallic oxide?
(a) Sulphur dioxide (b) carbon dioxide (c) phosphorus penta oxide **(d) sodium oxide**
- 13) Which of the following is the amphoteric oxide?
(a) Sulphur dioxide (b) calcium oxide (c) Potassium oxide **(d) Zinc oxide**
- 14) A substance which brings about the oxidation of various substances is called –
(a) oxidizing agent (b) catalyst (c) a and b both (d) none of these
- 15) A chemical reaction in which a larger molecule breaks into two or more smaller molecules as called –
(a) combination reaction **(b) decomposition reaction** (c) displacement reaction (d) all of these