

CHEMISTRY

Time: 30 minutes 9th Class Karachi Board Max. Marks: 15

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

- (i) It is a trial idea:
(a) Experiment (b) Hypothesis (c) Theory (d) Scientific Law
- (ii) It is the empirical formula of glucose:
(a) CH₂O (b) C₂H₄O₂ (c) C₅H₁₀O₅ (d) C₆H₁₂O₆
- (iii) It is not an isotope of oxygen:
(a) ¹⁶₈O (b) ¹⁷₈O (c) ¹⁸₈O (d) ¹⁹₈O
- (iv) The vertical columns of the periodic table are called:
(a) Periods (b) Series (c) Groups (d) Rows
- (v) It is an ionic compound:
(a) H₂O (b) CO₂ (c) NH₃ (d) NaCl
- (vi) Neither definite shape nor definite volume is the property of:
(a) Solid (b) Liquid (c) Gas (d) None of them
- (vii) It is defined as the number of moles of solution dissolved in one litre of solution:
(a) Molarity (b) Molality (c) Normality (d) Mole fraction
- (viii) It is the unit of electrical current:
(a) volt (b) coulomb (c) faraday (d) ampere
- (ix) It is a proton-donor:
(a) Acid (b) Base (c) Salt (d) Alkali
- (x) It is an exothermic process:
(a) Evaporation (b) Respiration
(c) Thermal decomposition (d) Melting
- (xi) It is an ion-exchanger resin:
(a) Na-zeolite (b) Ca(OH)₂ (c) MgSO₄ (d) NaCl
- (xii) When carbon burns in air, this gas is produced:
(a) SO₂ (b) H₂S (c) NH₃ (d) CO₂
- (xiii) It is the study of Hydrocarbons and their derivatives:
(a) Physical Chemistry (b) Inorganic Chemistry
(c) Organic Chemistry (d) Environmental Chemistry
- (xiv) This gas is used for respiration:
(a) Hydrogen (b) Oxygen (c) Nitrogen (d) Chlorine
- (xv) It is the only liquid metal:
(a) Bromine (b) Mercury (c) Gold (d) Sulphur
- (xvi) The most abundant and useful halogen is:
(a) Fluorine (b) Chlorine (c) Bromine (d) Iodine
- (xvii) Red ink is normally prepared from:
(a) Oak plant (b) Linseed oil (c) Silver nitrate (d) Brazil wood