

CHEMISTRY

2014

Time: 30 Minutes

Max. Marks: 17

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

- (1) The branch of Chemistry which deals with the emission of radiations from nuclei is called:
- (a) Organic Chemistry (b) Inorganic Chemistry
(c) Nuclear Chemistry (d) Physical Chemistry
- (2) Molecular mass expressed in grams is called:
- (a) Atomic mass (b) Molar mass
(c) Formula mass (d) Equivalent mass
- (3) Which one of the following elements has its electronic configuration $K^2L^8M^2$?
- (a) Calcium (Ca) (b) Magnesium (Mg)
(c) Neon (Ne) (d) Sodium (Na)
- (4) It has the highest value of electro negativity:
- (a) Flourine (b) Chlorine (c) Bromine (d) Iodine
- (5) This bond is also called electrovalent bond:
- (a) Covalent bond (b) Ionic bond
(c) Polar bond (d) Hydrogen bond
- (6) The state of matter, having definite shape and volume is known as:
- (a) Solid (b) Liquid (c) gas (d) Plasma
- (7) If 0.4 is the mole fraction of solute, the mole fraction of solvent would be: (a) 0.1 (b) 0.6 (c) 0.9 (d) 1.0
- (8) Which one of the following is an electrolyte?
- (a) Petrol (b) Ethyl Alcohol (c) Benzene (d) Sodium Chloride
- (9) The pH value of distilled water is:
- (a) 1 (b) 4 (c) 7 (d) 14
- (10) It is an exothermic reaction:
- (a) Combustion (b) Decomposition
(c) Photosynthesis (d) Fusion
- (11) It is called Ordinary Hydrogen:
- (a) Nascent Hydrogen (b) Protium
(c) Deuterium (d) Tritium
- (12) Kaolin (China Clay) is used to make:
- (a) Crockery (b) Glass (c) Ceramics (d) Asbestos
- (13) The air we breathe in, usually contains the highest proportion of:
- (a) Hydrogen (b) Nitrogen (c) Oxygen (d) Carbon dioxide
- (14) Chemically strong acid is:
- (a) Acetic acid (b) Nitric acid

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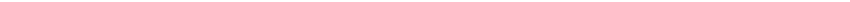
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