

Time: 3 Hrs

(Science Group)

Marks

SECTION "A" (COMPIER)

MULTIPLE CHOICE QUESTIONS (C) (Marks: 17)

- Q.1 Choose the correct option from the given options:
- (i) The chemical formula of active hydrogen is:
 H_2 H H^+ H^-
- (ii) It is a radioactive isotope of Hydrogen:
 ^1_1H ^2_1H ^3_1H ^4_1H
- (iii) It is an alloy of Copper and Tin:
 Bronze Brass Nichrome German Silver
- (iv) A suspension of droplets of one liquid into another in which it is not soluble is called:
 O_2 and N_2 Cl_2 and Br_2
 CH_4 and NH_3 CO_2 and SO_2
- (v) A suspension of droplets of one liquid into another in which it is not soluble is called:
 smoke mud foam emulsion
- (vi) A Dative bond is always formed between the two:
 like atoms unlike atoms
 similar atoms like and unlike atoms
- (vii) Electro Chemical Equivalent is denoted by:
 A C Z
- (viii) Water accounts for the weight of a human body as follows:
 50% 60% 70% 80%
- (ix) This process of $(\text{CH}_2 = \text{C}(\text{R}) - \text{C}(\text{R}') = \text{C}(\text{R}'') - \text{C}(\text{R}'''))$ is called:
 Analytical Chemistry Inorganic Chemistry
 Physical Chemistry Non-oxidation chemistry
- (x) It is a process of breaking down of food in the body:
 Decomposition Respiration
 Neutralization Combustion Reaction
- (xi) In the periodic table, the incomplete period in the Modern Periodic Table is:
 First Third Fifth Seventh
- (xii) This one of the following elements has the smallest atomic radius:
 Magnesium Calcium
 Strontium Radium
- (xiii) The class of Plastics that can only be heated once before they set on cooling, are called:
 Thermoplastics Thermosetting Plastics
 Cellulose Acetate Cellulose Nitrate
- (xiv) It is an ALKYL group:
 C_6H_{12} C_6H_{14} C_6H_{16} C_6H_{18}
- (xv) These are called self formers:
 Alkali metals Halogens
 Noble gases Hydrides
- (xvi) Oxidation takes place at:
 Anode Cathode
 Anode and cathode None of these
- (xvii) The temperature at which the vapour pressure of a liquid is equal to its external atmosphere pressure is called:
 Melting point Boiling point
 Triple point None of these