

(Multiple Choice Questions (MCQ's))

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

- (i) Alloy of Cu-Sn is called:
(a) Brass (b) Bronze (c) Monel (d) Bell metal
- (ii) In Daniel cell ----- is used as cathode:
(a) Cu (b) Zn (c) Sn (d) Pb
- (iii) Which one form weak electrolytic solution with water?
(a) CH_3COOH (b) NaCl (c) KOH (d) HCl
- (iv) Which one is strong acid
(a) HF (b) HBr (c) HCl (d) HI
- (v) Which gas can turn lime water milky?
(a) O_2 (b) N_2 (c) NO_2 (d) CO_2
- (vi) Which of the compound is known as lunar caustic?
(a) AgNO_3 (b) AgCl (c) NaCl (d) NaNO_3
- (vii) Which gas diffuses faster?
(a) Helium (b) Hydrogen (c) Chlorine (d) Fluorine
- (viii) One atmospheric pressure is equal to:
(a) 101300 pascal (b) 104325 pascal (c) 102325 pascal (d) 101325 pascal
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- (ix) Which of the following have sharp melting point in solid?
(a) Plastic (b) Glass (c) Rubber (d) Diamond
- (x) Which solution contain more water?
(a) 1.0 M (b) 0.5 M (c) 0.75 M (d) 0.25 M
- (xi) Two moles of sodium chloride are equal to:
(a) 200 grams (b) 60 grams (c) 117 grams (d) 135 grams
- (xii) Butter is example of ----- solution.
(a) Solid-liquid (b) Liquid-liquid (c) Gas-liquid (d) Gas-solid
- (xiii) The shielding effect across the period is always:
(a) Same (b) Decrease (c) Increase (d) Moderate
- (xiv) The ability to attract shared pair of electrons is known as:
(a) Atomic radius (b) Ionization energy
(c) Electro-negativity (d) Electron-affinity
- (xv) All transition elements are known as:
(a) Non-metals (b) Metals (c) Metalloids (d) All of these
- (xvi) An example of ionic bond is:
(a) H_2O (b) CH_4 (c) HCl (d) NaCl
- (xvii) One sided sharing form ----- Bond.
(a) Ionic (b) Covalent (c) Metallic
(d) Co-ordinate covalent
- (xviii) Ionic Crystals have:
(a) High melting point (b) Moderate melting point
(c) Low melting point (d) None of these
- (xix) The empirical formula of hydrogen peroxide is:
(a) H_2O (b) HO (c) OH
(d) H_2O_2
- (xx) The atomic mass of an element expressed in grams is known as:
(a) Mixture (b) Empirical formula
(c) Molecular formula (d) Mole
- (xxi) Ethyl alcohol was prepared by:
(a) Al-Beruni (b) Ibn-e-Sina (c) Al-Razi (d) Jabir-bin-Hayan
- (xxii) The isotopes of C-12 are present in abundance of:
(a) 96.9% (b) 97.6% (c) 98.8% (d) 99.7%
- (xxiii) How many subshells are there in L-shell
(a) One (b) Three (c) Two (d) Four
- (xxiv) Which one is most penetrating?
(a) Alpha-particle (b) Neutron (c) Proton (d) Electron