

MCQ Question for Chemistry

- Cathode rays consist of which type of charged particle?
(a) Negative (b) Positive (c) Neutral (d) Negative & Positive
- Name the element whose electronic configuration is $1S^2 2S^2 2P^2$.
(a) Carbon (b) Oxygen (c) Hydrogen (d) Nitrogen
- State the number of protons or neutrons present in Cl^{12} & Cl^{14} .
(a) 7, 8 (b) 6, 8 (c) 3, 4 (d) 2, 1
- What do you mean by mass no.?
(a) e (b) (e+p) (c) (e+n) (d) (p+n)
- What is the atomic mass of Nitrogen?
(a) 15 (b) 14 (c) 16 (d) 17
- What is the atomic no. of Chlorine?
(a) 17 (b) 15 (c) 13 (d) 12
- Who discovered the principle Q.N?
(a) bohr (b) lande (c) sommerfield (d) Einstein
- What is the molecular mass of Sulphuric Acid?
(a) 98 (b) 46 (c) 30 (d) 20
- What is the equivalent mass of Al of $AlCl_3$?
(a) 9 (b) 3 (c) 2 (d) 1
- What is the equivalent mass of Co_3^{2-} ?
(a) 20 (b) 2 (c) 30 (d) 2
- What is the relationship between mass, atomic mass & valency?
(a) no relationship (b) Eq. mass = Atomic mass/valency
(c) Eq. mass/valency= atomic mass (d) Eq. mass \times atomic mass= valency
- What is the no. of electron that can be present in the outer most shell according to Octet rule.
(a) 0 (b) 2 (c) 7 (d) 8
- The formation of a chemical bond is which type?
(a) Exothermic (b) endothermic (c) adiabatic (d) Isothermal
- A chemical bond is formed with the net _____?
(a) Decrease (b) increase (c) constant (d) zero
- Which type of bond is seen in NaCl?
(a) Ionic (b) Covalent (c) Dative (d) Hydrogen
- Ionic bond is considered as a conductor
(a) solid (b) liquid (c) gases (d) normal state
- CO_2 undergoes in which type of bond?
(a) covalent (b) ionic (c) hydrogen (d) metallic
- Water is which type of solvent?
(a) polar (b) non-polar (c) normal (d) molten
- $1S^2 2S^2 2P^6 3S^2 3P^6 4S^1 3D^5$ this type of which element
(a) Cr (b) Zn (c) Cu (d) Si

20. Which bond is directional in nature.

(a) Covalent (b) Co-ordinate (c) Ionic (d) Metallic

GST - DIPLOMA