

Chemistry Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	The H - H Bond energy in KJ mole ⁻¹ is.	A. 346 B. 436 C. 463 D. 336
2	Which of the following has highest percentage ionic character.	A. HCl B. HF C. HBr D. HI
3	Forces of attraction between He atoms are.	A. Hydrogen bonding B. London forces C. Debye forces D. Ion dipole forces
4	Which of the following species has unpaired electrons in anti bonding molecular orbitals	A. O ₂ B. N ₂ C. B ₂ D. F ₂
5	The number of bonds in oxygen molecules.	A. One sigma and One pi B. One sigma and two Pi C. Three sigma only D. Two sig and two pi
6	The paramagnetic behaviour of oxygen is well explained on the basis of.	A. M.O Theory B. N.B Theory C. VSEPR Theory D. CF theory
7	The bond order of N ₂ molecule is.	A. 1 B. 2 C. 3 D. 4
8	Which of the following has linear structure.	A. CO ₂ B. NH ₃ C. CH ₄ D. H ₂ O
9	Carbon atom in methane is hybridized.	A. sp ³ B. sp ² C. sp D. dsp ³
10	The bond angle in NH ₃ molecule is	A. 109.5° B. 107.5° C. 104.5° D. 106°
11	The structure of water molecule is.	A. angular B. Linear C. Trigonal D. Trigonal pyramidal
12	The molecular shape of SO ₃ is.	A. Triangular planar B. Tetrahedral C. Pyramidal D. Linear
13	The shape of SnCl ₂ molecule is.	A. Linear B. Angular C. Trigonal planar D. Tetrahedral
14	Which of the following has bond angle of 120°	A. BeCl ₂ B. BF ₃ C. CH ₄ D. NH ₃
15	Which of the following has coordinate covalent bond.	A. NH ₄ B. NaCl C. HCl D. AlCl ₃

16	In methanol, bond between carbon and oxygen.	A. Ionic B. Non polar C. Polar D. Co - ordinate
17	The tendency of an atom to attract shared pair of electron towards itself is called its.	A. Ionization energy B. Electronegativity C. Electron affinity D. dipole moment