

Chemistry Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Which element has highest ionization potential	A. Li B. Na C. K D. Rb
2	Which statement is true about Na and Na ⁺	A. size of Na is greater than Na ⁺ B. Size of Na is smaller than Na ⁺ C. Both have equal size D. Both have same properties
3	Which has zero potential energy.	A. When H atom is independent B. When two H atoms combine to form H ₂ molecule C. When two H atoms super impose to each other D. When two H atoms have weak attraction between them
4	Which of the following molecules contain six bonding electrons.	A. CH ₄ B. CO ₂ C. BF ₃ D. H ₂ S
5	Which of the following species has unpaired electrons in antibonding molecular orbitals.	A. O ₂ ⁺² B. N ₂ ⁻² C. B ₂ D. F ₂
6	Which of the hydrogen halides has the highest percentage of ionic character.	A. HF B. HBr C. HCl D. HI
7	Which of the following molecule has zero dipole moment.	A. NH ₃ B. CHCl ₃ C. H ₂ O D. BF ₃
8	The number of bonds in nitrogen molecules is.	A. One pi and one sigma B. One pi and two sigma C. Three sigma only D. Two pi and one sigma
9	Percentage ionic character of HF is.	A. 100% B. 80% C. 43% D. 57%
10	_____ Molecule has zero dipole moment.	A. CO B. H ₂ S C. SO ₂ D. CH ₄
11	Dipole Moment of H ₂ O is.	A. 1.61 D B. 1.85 D C. 0.95 D D. 1.49 D
12	Which of the hydrogen halide has the highest percentage of ionic character.	A. HCl B. HBr C. HF D. HI
13	The molecule having zero dipole moment is.	A. NH ₃ B. CHCl ₃ C. H ₂ O D. BF ₃
14	Which molecule has sp ² hybridization.	A. CH ₄ B. C ₂ H ₄ C. C ₂ H ₂ D. C ₂ H ₅
		A. sp ³ hybridized

15	The carbon atom in C_2H_4 is.	B. sp^2 hybridized C. sp hybridized D. ds^2 hybridized
16	Dipole moment of CO_2 is.	A. 1.25 D B. 1.85 D C. 3.1 D D. Zero
17	Molecule in which the distance between two carbon atoms is the largest is.	A. C_2H_6 B. C_2H_4 C. C_2H_2 D. C_6H_6