

Chemistry Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Which of the following statements is not correct regarding bonding molecular orbitals	<p>A. Bonding molecular orbitals possess less energy than atomic orbitals from which they are formed</p> <p>B. Bonding molecular orbitals have low electron density between the two nuclei</p> <p>C. Every electron in the bonding molecular orbitals contributes to the attraction between atoms</p> <p>D. Bonding molecular orbitals are formed when the electron waves undergo constructive interference</p>
2	The number of bonds in nitrogen molecule is	<p>A. One σ and one π</p> <p>B. One σ and two π</p> <p>C. Three σ only</p> <p>D. Two σ and two π</p>
3	An ionic compound A^+B^- is most likely to be formed when	<p>A. The ionization energy of A is high and electron affinity of B is low</p> <p>B. The ionization energy of A is low and electron affinity of B is high</p> <p>C. Both the ionization energy of A and electron affinity of B are high</p> <p>D. Both the ionization energy of A and electron affinity of B are low</p>