

## Chemistry Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	A molecule has two ions pairs and two bond pairs around the central atom. The shape of molecule is.	A. Linear B. Pyramidal C. Angular D. Tetrahedral
2	Which one of the following molecule have angle of $120^\circ$	A. Be Cl <sub>2</sub> B. BF <sub>3</sub> C. CH <sub>4</sub> D. NH <sub>3</sub>
3	Which one of the following correctly describe the shape of NH <sub>3</sub> molecules.	A. tetrahedral B. Pyramidal C. Angular D. Square planar
4	Ionic bond is formed by combination of groups	A. IA and VIII B. II A and VII A C. IV A and VA D. VIA and VII A
5	Which molecules is 100% covalent	A. H <sub>2</sub> B. H <sub>2</sub> O C. HF D. NH <sub>3</sub>
6	Suppose a new element 'J' has discovered and has seven electron in the valence shell. Which statement about this element would be correct.	A. It is monatomic B. It form covalent bond with hydrogen C. It forms stable positive ion D. It forms covalent bond with group IA element
7	In which of the following Paris, do the elements form a compound by sharing electrons.	A. carbon and chlorine B. Lithium and iodine C. Neon and oxygen D. Potassium ad bromine
8	What type of bonding is present in NH <sub>4</sub> Cl	A. Ionic B. Covalent C. Co ordinate covalent D. All of these
9	Which one of the following has no tendency of form coordinate covalent bond with H <sup>+</sup>	A. NH <sub>3</sub> B. H <sub>2</sub> O C. CH <sub>4</sub> D. CH <sub>3</sub> OH
10	Which of the following is a polar molecule	A. CCl <sub>4</sub> B. HCl C. BF <sub>3</sub> D. CO <sub>2</sub>
11	Which one of the following has the greater ionic characters in it.	A. HF B. HCl C. H <sub>2</sub> O D. H <sub>2</sub>
12	Ionic compound do nto show the phenomenon of Isomerism because bond are.	A. Directional and rigid B. Non directional and rigid C. Non directional and non rigid D. All above
13	Which pair are iso electronic.	A. Na <sup>+</sup> and Cl <sup>-</sup> B. Na <sup>+</sup> and Mg <sup>+2</sup> C. N <sup>-3</sup> and P <sup>-3</sup> D. H <sup>+</sup> and H <sup>-</sup>
14	Along period of periodic table shielding effects.	A. Increases B. Decreases C. Remain constant D. First increases than decreases
15	Chlorine atom and chloride Cl <sup>-</sup> ions	A. Have same chemical and physical properties B. Are allotropes of chlorine

C. Have same number of electrons  
D. Have same number of proton

16 In a group of periodic table, ionization energy.

A. Decreases  
B. Increases  
C. Remains same  
D. First increases than increases

17 In a period of periodic table, atomic radii

A. Increases  
B. Decreases  
C. Remain same  
D. First decreases than increases