

Chemical Bonding

Sr	Questions	Answers Choice
1	Silicon belongs to Grou IVA . It haselectons in the valence shell	A. 2 B. 6 C. 3 D. 4
2	Keeping in view the intermolecular forces of attraction, indicate which compound has the highest boiling point	A. H ₂ S B. HF C. NH ₃ D. H ₂ O
3	The boiling point of water is	A. O ^o C B. 100 ^o C C. 35 ^o C D. 25 ^o C
4	Which ionic compound has the highest melting point.	A. RbCl B. KCl C. LiCl D. NaCl
5	Which of the following is an exampel of polar covalent compound.	A. Cl2 B. H2 C. O2 D. HCl
6	Atoms react with each other because.	A. they are attracted towards each other B. They are short of electrons C. They want to disperse D. They want attain stability
7	Water has high boiling point as compared a alcohol due to	A. Low density B. High surface tension C. Hydrogen bonding D. High vapour pressure
8	The formaton ionic bond between two ions is due to.	A. Hydrogen bonding B. Metalic force C. Electrostatic forces D. All of the above
9	Which form of carbon is used as a lubricant?	A. Coal B. Diamond C. Charcoal D. Graphite
10	Every atom has a natural tendency to accommodate electrons in its valence shell	A. 2 or 6 B. 2 or 4 C. 2 or 8 D. 2 or 10
11	Wheih one of the following in as electron deficient molecule.	A. NH3 B. O2 C. BF3 D. N2
12	Transfer of electron between elements result in.	A. Coordinate covalent bonding B. lonic bonding C. Metallic bonding D. Covallent bonding
13	How many lone pairs are present on nitogenin ammonia molecule.	A. One B. Two C. Three D. Four
14	Wheih compound contains both covalent and ionic bonds.	A. MgCl ₂ B. PCl5 C. NH ₄ Cl D. CaO
15	Hydrogen and Helium follow.	A. Octet rule B. Triple rule C. Duplet rule

		D. None of these
16	When an electronegative element combines with electroositive element, the type of bonding. is.	A. Covalent B. Polar Covalent C. lonic D. Coorinae Covalent
17	The boiling point of alcohal is	A. ₄₄ ^o C B. 78 ^o C C. 53 ^o C D. 19 ^o C
18	During the formation of ionic bond heat is.	A. Remains same B. Absorbed C. Released D. Both a and b
19	Wheih of the following atoms obey duplet rule.	A. O ₂ B. Cl ₂ C. H ₂ D. Li ₂
20	In the formation of AIF ₃ , aluminum atom loseselectrons.	A. 1 B. 4 C. 3 D. 2