

Chemical Bonding

Sr	Questions	Answers Choice
1	Wheih of the following atoms willnot form cation or anion.	A. Atomic no. 16 B. Atomic no. 18 C. Atomic no. 17 D. Atomic No. 19
2	The boiling point of water is	A. O ^o C B. 100 ^o C C. 35 ^o C D. 25 ^o C
3	Covalent Bond involves the	A. Sharing of electrons B. Repulsion of electrons C. Acceptance of electrons D. Donation of electrons
4	Number of electronsin nitrogen molecule is.	A. 2 B. 4 C. 6 D. 8
5	Which form of carbon is used as a lubricant?	A. Coal B. Diamond C. Charcoal D. Graphite
6	A bond formed between two non metals is expected to be	A. Ionic B. Coordinate covalent C. Metallic D. Covalent
7	Silicon belongs to Grou IVA . It haselectons in the valence shell	A. 2 B. 6 C. 3 D. 4
8	Hydrogen bound ing is always found in	A. Non-polar molecules B. Homoatomic molecules C. Polar Molecules D. All of the above
9	The compund formed by oppoite charges are known as.	A. Metallic solids B. lonic compounds C. Non-polar Covalent compound D. None of the above
10	The electropositive elements have the tendency to	A. Lose electrons B. Gain electrons C. Share electrons D. All of these
11	How many valance shell electrons are there in Na+ ion.	A. 8 B. 9 C. 1 D. 10
12	The formaton ionic bond between two ions is due to.	A. Hydrogen bonding B. Metalic force C. Electrostatic forces D. All of the above
13	Wheih compound contains both covalent and ionic bonds.	A. MgCl ₂ B. PCl5 C. NH ₄ Cl D. CaO
14	Wheih of the following is not true about the formation of $\mathrm{Na}_2\mathrm{S}$	A. Each sodium atom loses one electron B. Sodium forms cation C. Each sulphur atom gains one electron D. Sulphur form anion
15	lonic compund have	A. Low melting and high boiling points B. Low melting and boiling point

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16	Wheih of the following atoms obey duplet rule.	A. O ₂ B. Cl ₂ C. H ₂ D. Li ₂
17	Which molecule contains a single vovalent bond.	A. CH4 B. C2H4 C. C2H2 D. O2
18	Which of the following is an exampel of polar covalent compound.	A. Cl2 B. H2 C. O2 D. HCl
19	Covalent bond is most commonly found between the elements of group	A. 1 to 13 B. 16 to 18 C. 13 to 17 D. 15 to 18
20	Nitrogen molecule contains.	A. Polar covalent bond B. Triple Covalent bond C. Double covalent bond D. Single covalent bond