

Chemical Bonding

Sr	Questions	Answers Choice
1	Malleability is the property by virtue of which a metal can be drawn into.	A. Rods B. Plates C. Sheets D. Wires
2	Hydrogen bound ing is always found in	A. Non-polar molecules B. Homoatomic molecules C. Polar Molecules D. All of the above
3	Identify the compound whoihis not soluble in water	A. KBr B. MgCl2 C. C6H6 D. NaCl
4	Nitrogen molecule contains.	A. Polar covalent bond B. Triple Covalent bond C. Double covalent bond D. Single covalent bond
5	The electropositive elements have the tendency to	A. Lose electrons B. Gain electrons C. Share electrons D. All of these
6	How many valance shell electrons are there in Na+ ion.	A. 8 B. 9 C. 1 D. 10
7	Atoms achieve stability by attainign electonic configuration of.	A. Alkali metals B. Coinage metals C. Inert Gases D. Alkaline earth metals
8	None polar compounds are insoluble in	A. Alcohol B. Benzene C. Ether D. Water
9	Which among of the followign has a double covalent bond.	A. Ethane B. Methane C. Acetylene D. Ethylene
10	How many covalent bonds do N2 molecule have	A. 3 B. 4 C. 2 D. 5
11	The boiling point of alcohal is	A. ₄₄ ^o C B. 78 ^o C C. 53 ^o C D. 19 ^o C
12	Whiih one of the following in as electron deficient molecule.	A. NH3 B. O2 C. BF3 D. N2
13	A bond formed between two non metals is expected to be	A. lonic B. Coordinate covalent C. Metallic D. Covalent
14	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
15	Noble gases are non -reactive, because they do not.	A. Gain electrons B. Lose electrons C. Share electrons D. All of these

16	Metal have the tendency to lose elecrons due to.	A. High ionization energies B. Low ionization energies C. Low electron affinity D. None of the above
17	When molten copper and olten zinc are mixed together, they give rise to a new substnce called brass. Predict what type of bond is formed between copper and zinc.	A. lonic bond B. Coordinate Covalent bond C. Metallic bond D. Covalent Bond
18	Wheih compound contains both covalent and ionic bonds.	A. MgCl ₂ B. PCl5 C. NH ₄ Cl D. CaO
19	A covalent bond formed by the mutual sharing of two pairs of electrons between bonded atoms is called.	A. Signle covalent bond B. Double covalent bond C. Triple covalent bond D. Polar covalent bond
20	Covalent Bond involves the	A. Sharing of electrons B. Repulsion of electrons C. Acceptance of electrons D. Donation of electrons