

Chemical Bonding

Sr	Questions	Answers Choice
1	Transfer of electron between elements result in.	A. Coordinate covalent bonding B. lonic bonding C. Metallic bonding D. Covallent bonding
2	Dative covalent bondis also known as	A. Covalent bond B. Ionic Bond C. Metallic Bond D. Coordinate covalent bond
3	In metals, the hold of nucieus over the valence shell elecrons is veak due to.	A. Highlectron affinity B. Large sized atoms C. High ionization energies D. All of the above
4	lonic compund have	A. Low melting and high boiling points B. Low melting and boiling point C. High melting and boiling points D. High meilting and low boiling points
5	How many valance shell electrons are there in Na+ ion.	A. 8 B. 9 C. 1 D. 10
6	How many electron are there in the valence shell of sodium atom.	A. One B. Two C. Three D. Four
7	Hydrogen bound ing is always found in	A. Non-polar molecules B. Homoatomic molecules C. Polar Molecules D. All of the above
8	Identify the covalent compund	A. NaCl B. H ₂ O C. KF D. MgO
9	Which element is capable of forming all the three types of bonds, covalent coordinate covalent or ionic.	A. Carbon B. Silicon C. Magnesium D. Oxygen
10	The boiling point of water is	A. O ^o C B. 100 ^o C C. 35 ^o C D. 25 ^o C
11	Which group of the periodic table has the tendency to gain electrons.	A. Group -1 B. Group -17 C. Group-2 D. Group -18
12	Whiih one of the following is the weakest force among the atoms.	A. Intermolecular force B. Ionic force C. Metallic force D. Covelent forces
13	Covalent Bond involves the	A. Sharing of electrons B. Repulsion of electrons C. Acceptance of electrons D. Donation of electrons
14	An atom having six electonsin its valence shell will achieve noble gas electronic confguration by	A. Gainign one electron B. Gaining two electrons C. Losing all electrons D. Losing two electrons
15	Atoms achieve stability by attainign electonic configuration of.	A. Alkali metals B. Coinage metals C. Inert Gases D. Alkaline earth metals

16	The formaton ionic bond between two ions is due to.	A. Hydrogen bonding B. Metalic force C. Electrostatic forces D. All of the above
17	Whcih types of bond is present between NH3 and BF3	A. Covalend Bond B. lonic Bond C. Co ordinate covalent bond D. Metallic Bond
18	Hydrogen and Helium follow.	A. Octet rule B. Triple rule C. Duplet rule D. None of these
19	Malleability is the property by virtue of which a metal can be drawn into.	A. Rods B. Plates C. Sheets D. Wires
20	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