

## **Chemical Bonding**

Sr	Questions	Answers Choice
1	Wheih of the following is not true about the formationof Na <sub>2</sub> S	A. Each sodium atom loses one electron B. Sodium forms cation C. Each sulphur atom gains one electron D. Sulphur form anion
2	How many covalent bonds does C <sub>2</sub> H <sub>2</sub> molecule have.	A. Two B. Three C. Four D. Five
3	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
4	None polar compounds are insoluble in	A. Alcohol B. Benzene C. Ether D. Water
5	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
6	Which of the following bond s is expected to b the weakest.	A. CI-CI <sup>-</sup> B. C-C C. F-F D. O -O
7	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
8	The electropositive elements have the tendency to	A. Lose electrons B. Gain electrons C. Share electrons D. All of these
9	All the noble gases have their valence electrons.	A. Incomplete B. Partialy filled C. Completely filled D. None of the above
10	Covalent Bond involves the	A. Sharing of electrons B. Repulsion of electrons C. Acceptance of electrons D. Donation of electrons
11	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
12	How many covalent bonds do N2 molecule have	A. 3 B. 4 C. 2 D. 5
13	The boiling point of water is	A. O <sup>o</sup> C B. 100 <sup>o</sup> C C. 35 <sup>o</sup> C D. 25 <sup>o</sup> C
14	How many valance shell electrons are there in Na+ ion.	A. 8 B. 9 C. 1 D. 10
15	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
16	How many electrons are involved in the formation of signle covalent bond	A. One B. Two C. Three D. Four
17	Which ionic compound has the highest melting point.	A. RbCl B. KCl C. LiCl D. NaCl
18	Transfer of electron between elements result in.	<ul><li>A. Coordinate covalent bonding</li><li>B. lonic bonding</li><li>C. Metallic bonding</li><li>D. Covallent bonding</li></ul>
19	Identify the covalent compund	A. NaCl B. H <sub>2</sub> O C. KF D. MgO
20	Hydrogen and Helium follow.	A. Octet rule B. Triple rule C. Duplet rule D. None of these