**Karan Arora** **R.L. Institute M: 9416974837**

**Max Time : 1 hr** **Class = 11th Chemistry Test**  **Max Marks : 20**

**Chemical Bonding**

**(upto Hybridisation)**

1. Why NaCl is a bad conductor of electricity in solid state? [ 1 ]
2. Define Ionization energy. [ 2 ]
3. Define Lattice energy. How is it related to the stability of an ionic compound? [ 2 ]
4. Write the properties of ionic compound. [ 3 ]
5. Define Ionic bond and co-ordinate bond. [ 3 ]
6. Arrange the following in increasing order of covalent character: [ 3 ]

(a) NaBr and NaI (b) NaBr and RbBr (c) MgI­2 and AlI3

1. Draw the shape of any four of the following and also find Hybridization. [ 1 x 6 = 6 ]

(a) XeO3F2 (b) XeF4 (c) SF4 (d) (e) (f)

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