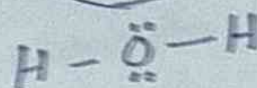


Chemical Bonding BY DR. MANJUKR.

Chemical Bonding is the force which held two or more atoms or ions together to form stable molecules, crystals and compounds.

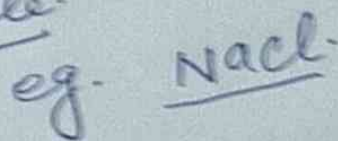


bonding between Hydrogen and oxygen.

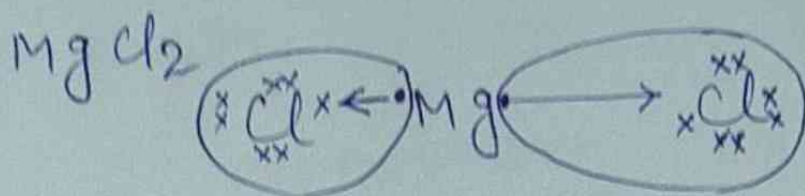
TYPES OF Bonding

- (i) Ionic Bond: This type of bond is formed by the transfer of one or more electrons from one atom to another atom to complete octate.

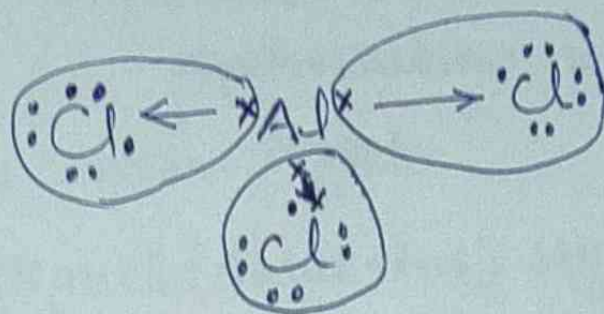
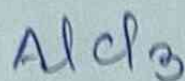
Rule



Here Sodium atom transferred one 1-electron to chlorine and formed ionic bond.



Here Magnesium transfer two electrons to chlorine and forms ionic bond.



Here Aluminium transfer 3-electrons to chlorine and forms ionic bond.

② Covalent Bond :- This type of bond formed by the mutual sharing of electrons. It can be single, double and triple bond also sharing of electrons.

eg. H_2O ,



Here mutual sharing of ~~there~~ one electron of ^{between} Hydrogen and oxygen and forms covalent bond.