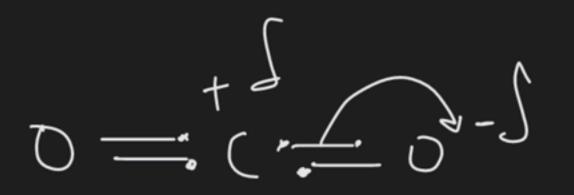


Course on Chemical Bonding for Class XI 2023

Lewisacid : Lone pair accepting type of lewis acid (i) S-Block metal Cation H D Block Metal Cation Cutz Aj Nitz

Species que called

molecule in Which vac. d-ophital is present molecule in which more E.N attached with multiple
bond. 0=+5-655 0 = (- O -)



L.B = Rone pain donating species

R-i-1 Ng 156:

G-ordinate bond: meglal sharing of e-

Classification 60-ordinate - Co-ordinate Intra lewis a rid bour Interaction

Cvalenc 5 n 3 0

[S1F,] -2 Becly]-2 P(I) (ASF,)(E) Snc (?)

Nth Cation SBlock climent and form I oric bond. - Bexz X-f(182I) Predom. Covalent Mg X2 | Lix | AIX (X-(1 & I)

Why c | find the type of bonds

(1) Itanic

(2) Gyglent

(3) (0-ordinate)

Covalent Covalent Co-ordinate

K(N) find the type of bond (1) I bric @ Gralent (3) 60-0 hdinate (4) 1 and 2 (S) all 1 Ch (= N

G(2 Tonic Gvalent

 $\begin{pmatrix} +2 & 0 = 0 \\ 4 & 0 = 0 \end{pmatrix}$

Cysol. 5 40 (Blue Vitriol Ionic, Covalent, 10-ordinate Thond, Hydrogen bond



(1) find the number of 6-ordinale bond in Blue vitriol
(9) 3 (1) 6 (2) 4 (d) 2 one find the number of water molecules which bonded with only yydrogen bord

(1) 2 (3) 3 (1) (1) 4



