

Course on Mole Concept for Class XI



 $\mathcal{J}-\mathcal{I}$ CaO + 3C Ca(2 + CO ( by mass) 15% 850

B

$$\frac{1}{2}S + C + L$$

2-0 (X/D

 $UF_{\zeta} + \frac{1}{20} \longrightarrow [U, F, 0] + [H, F]$   $3.52 \text{ gm} \qquad 0.36 \text{ gm} \qquad 3.08 \text{ gm}$   $352 \qquad 368 \qquad \underline{80}$ 

1mg 2mg

V F 0 1 2

0-41 gm of Silver salt of 9 dibasic acid was heated, and produced 0.216 gm Solid residue tim Mod. man of acid.  $\frac{Ag_{Q}A(s)}{\underline{Ag(s)}} \xrightarrow{\Delta} \underline{Ag(s)} \qquad \frac{H_{2}A}{\underline{Ag(s)}}$  $\frac{\partial \cdot 41}{\partial \cdot 41} \times 2 = \frac{\partial \cdot 21\zeta}{\partial \cdot 21\zeta}$ (A) 11 (B) 13 216 + MA (c) 194 MA = 194 (b) 196

Salt Method: -> Chobroplatinate Vsed to determine Molecular man J Lewis base Basicity = 1 Hinoz) Arrhenius Acid— gives 4t Base - jives ou-<0H NGOM Acid - accept 4 ge-Lewis Base -> gives lp q e

 $\frac{9}{1}$ Arihiy = 1  $\frac{1}{1}$ 

NM2CM2NM2 2

2NHy0H + 1×H250y -> (Nhy)2504+2420

B4(01)2 -+ H2504-1 B4504+2420

 $(2NH_3)$  +  $H_2$  S  $O_4$   $\longrightarrow$   $(NH_3)_2H_2$  S  $O_4$   $O_4$   $(NH_4)_2$  S  $O_4$ ZBHILL B2 (H2 12 (C)) (PP+) Chloroplatinate salt BZ (H2Pt4) -> Pt W1



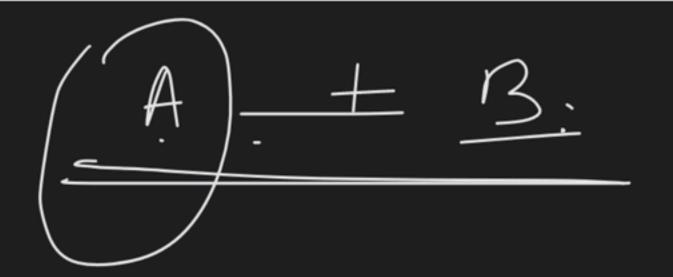
Chloroplate sult of a diacidic base 1. J 6 gm heated, which gives 0.39 gm Pt. was M. man of Base. find 7-1=175  $\frac{32}{1.96}$   $\frac{1.96}{2}$   $\frac{1.96}{2}$   $\frac{2}{3}$   $\frac{1.96}{2}$   $\frac{2}{3}$   $\frac{2}{3}$   $\frac{1.96}{2}$   $\frac{2}{3}$   $\frac{2}{3}$   $\frac{1.96}{2}$   $\frac{2}{3}$   $\frac{2}{$ Q =35.5 A) 160 9 570 (2) 980 = B+4/U 380 None.

Petit law: - Used to Dulong and Actumine atomic man of metals Specific Atomic <u>\_\_\_</u> 6.4 Col/gm/15)

Concentration Terms: - Used to express the amount of a component in a mixture. Mixture Homo Tetrogeneons Solution

Solution 2 Comp --> Binary 3 Comp — Tertiary - Ghaderary Binary: Solute + Solvent

Solvent - which is large in amount C6 H126 50 gm in which solute dissolve C2H50H(e) + (H20(e)) => 1 mol Imal



A + B

Solvent