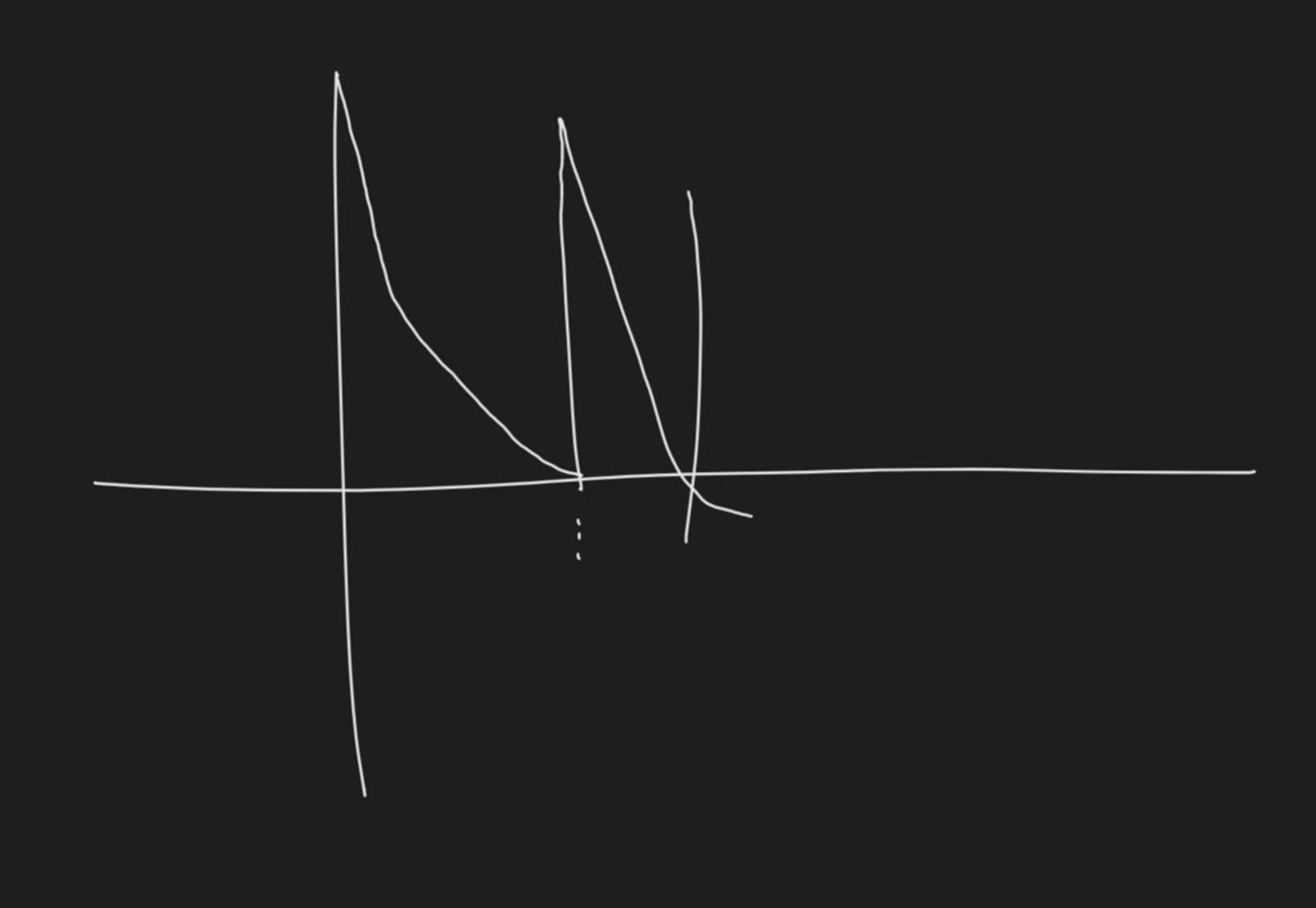
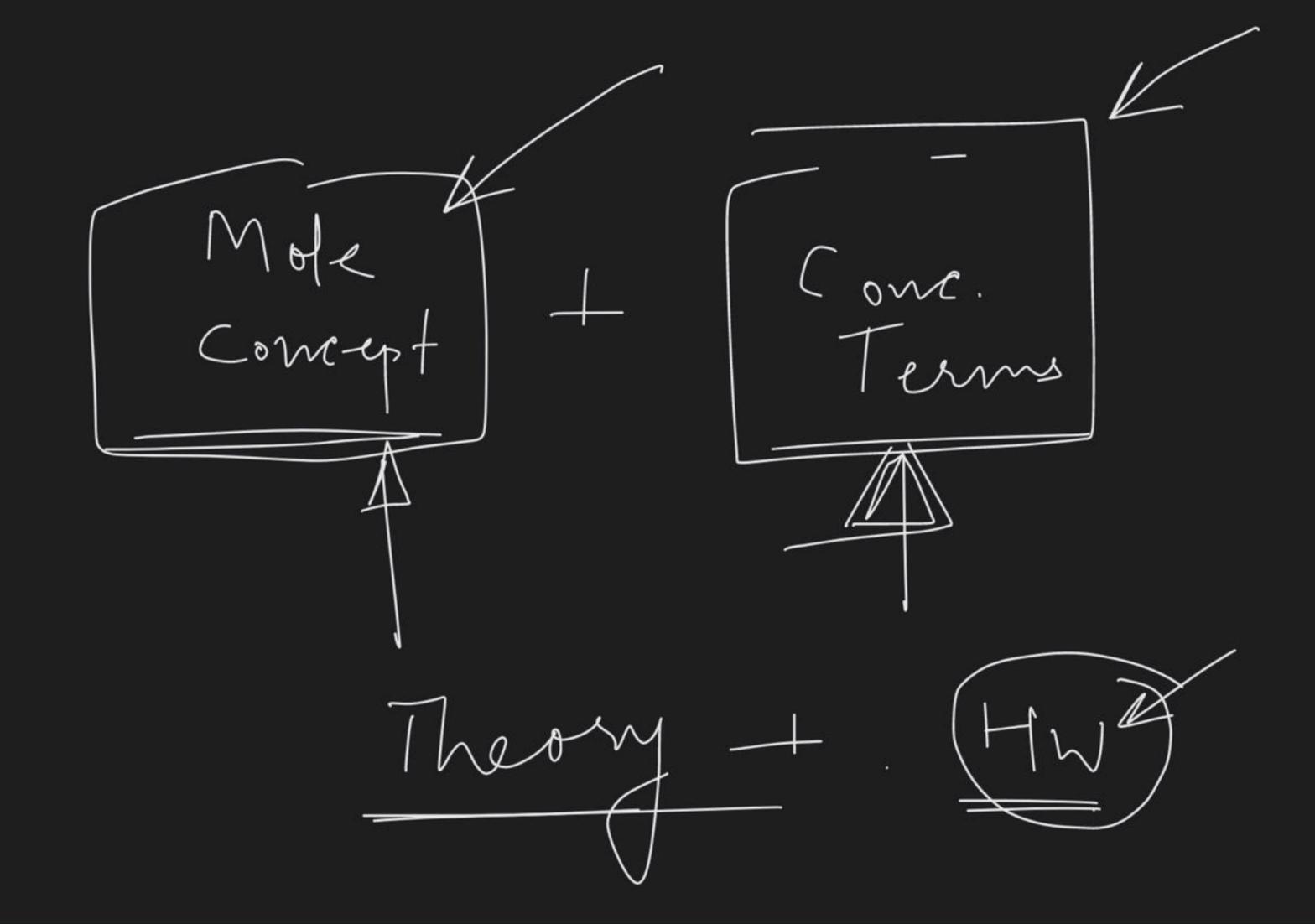


Course on Concentration Terms for Class XI





Concentration dems:— [4504 + 420] Mintime It tell us about the amount of a component in its mixture

Minture Heterogeneons omogeneous (Salt + Sugar) (5 alt + 120) >> (Solution)

Two Component -> Binary Three 11 — Fertiary

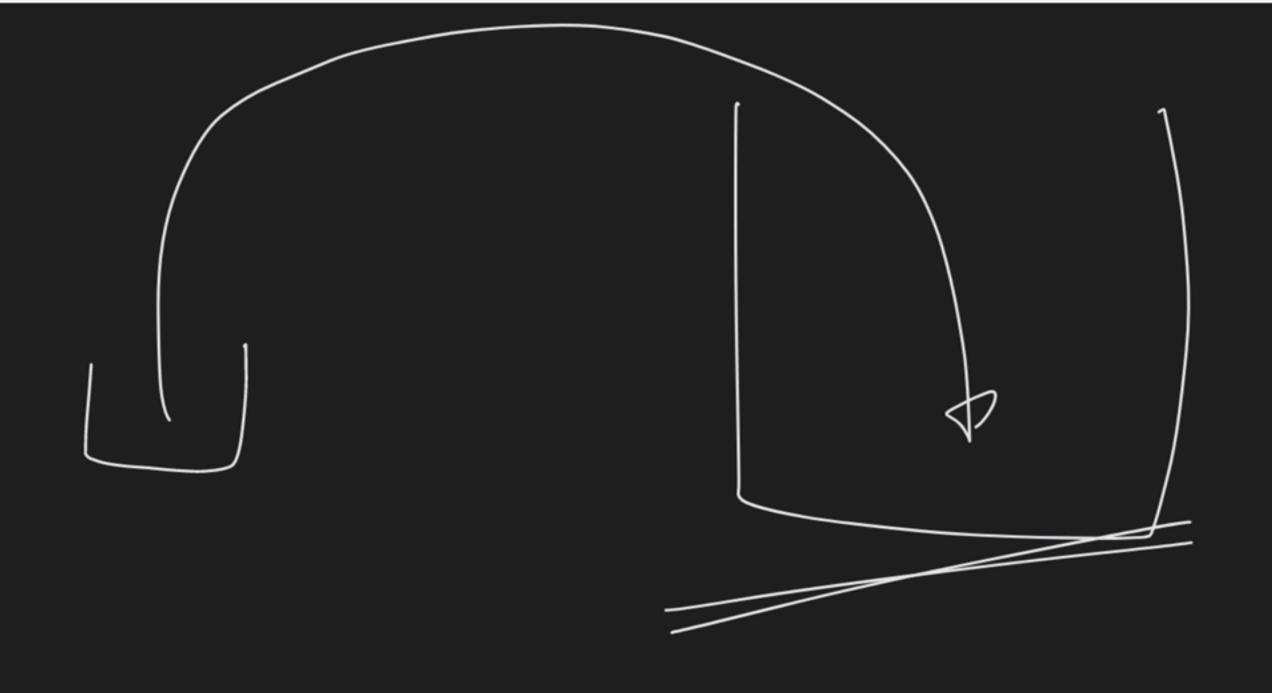
-> quaternary Binary soft = solute + Solvent

50me / 50ml

Solule en amount anont Solver nou - (CH1206) + (H20 36 gm - 180 gm 2 mg

man Indes 10-18

1/20=18gm



Solution Physical stale Solvent

Sølute: Which is less in amount

Solute 1.8 gm 36 gm 18 - 0.01

M = manTypes of concertation terms M-mmas (1) % h/w (". by man) 20 1. W/W (NaOH) (29) 100 gm Solution contains 20 gm Nacy WH20 = 80 gm

2 // W// 20 %. W/ Nach (29) 100 ml Solution contains 20 gm NaOH density of Soly = 1.5 gm/ml (Solute) mas of soln - 100×1.5 Estrut man 1 1/20 - 130 gm (Soln)

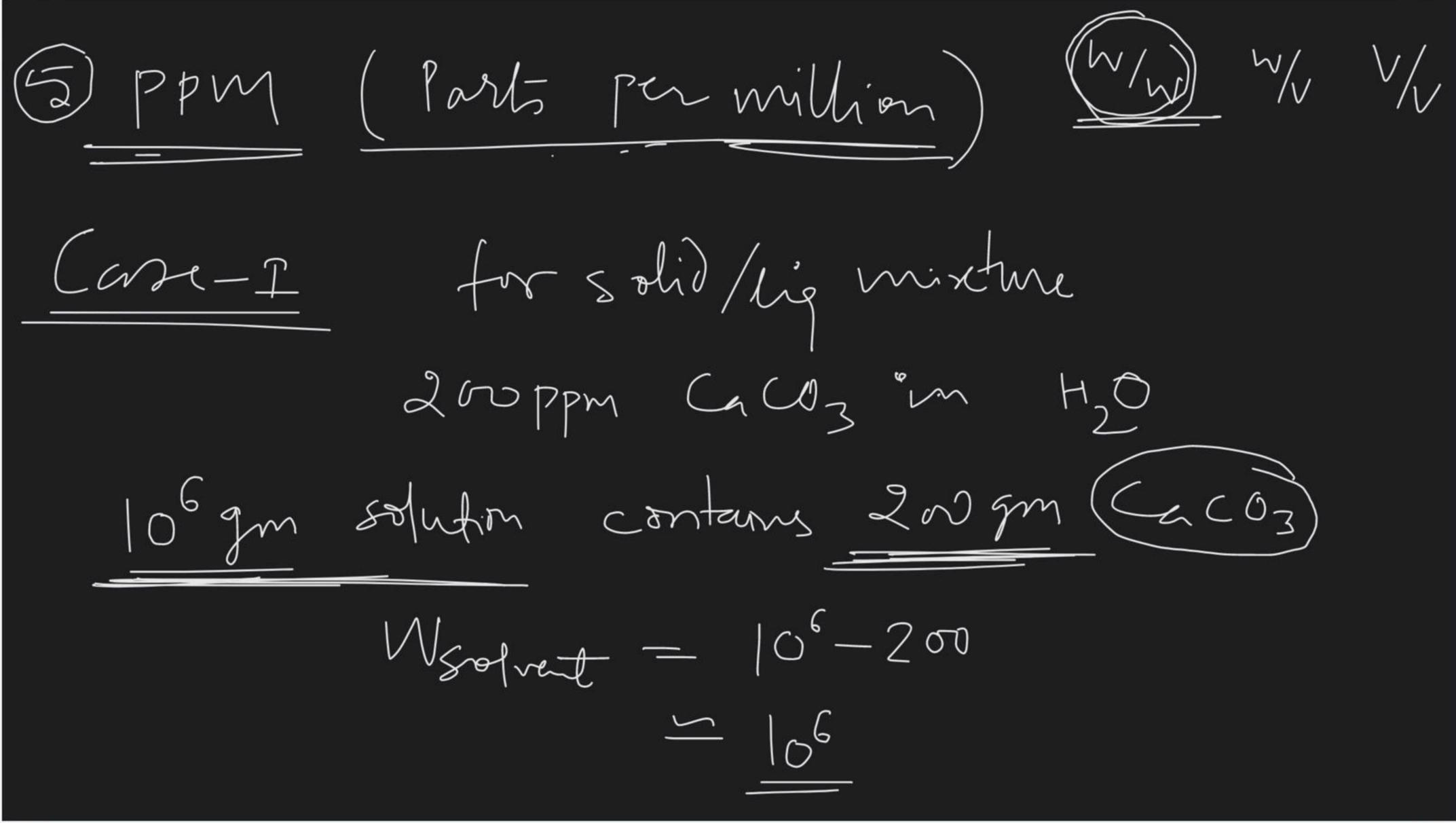
"/V (1. by volume) (111)generally it is used for gaseons mix 20%. V/V 02 in our (N2+02) 100 ml our contains 20 ml 02 $\sqrt{N_2} = 30 \text{ ml}$ -Nerver

man by man

man by:
Volume

~/\// .

i. Volume by Volume (4) gm/lit 20 gm/lis Na0 H (man by volume) contains 20 gm NaOY I lit solution



10 gm som 200 00 gm 10 X 100 (200 2 x 10 = 0.02 PPM/ /~ W/ man of solute P/m = mas) of x 10°C

gm/lit

200 gm H2 soy was mined in 500 ml 801. 40 to from Given down is = 2 g/ml find /. W/W of 1/2504 / 2 /. W// 11 Mut FPM

1) B) 40 () 2 D) 80 E) None. 500 ml

400 gm

(3) Strul ---- 200 gm 201 gm 42504 --- in 500ml 100mm - yough 500 ml Soll Contains 200 gm Uro gm/lit HZSOY $\frac{10^{3} \text{ gm}}{10^{3} \text{ gm}} \stackrel{200 \text{ gm}}{=} \frac{(500 \times 2) \text{ gm}}{=} \frac{800}{1000} \stackrel{200 \text{ gm}}{=} \frac{200 \text{ gm}}{1000} \frac{1200 \text{ gm}}{=} \frac{200 \text{ gm}}{1000} \frac{1200 \text{ gm}}{=} \frac{200 \text{ gm}}$ 10° gm - 3 200 gm 500ml 801n -> 2w x1w 500 - 46

dsom = man of som (

Mole concept (PV = mRT) 1. W/W = 20



sir plss last question ka first part karado mujhe galat lag

raha hain

PV = nRT I deal gas est From Volume 7 gas

0.082/ atm. Lit/mol/k J/K/mal Pa

V= 10 M P = 8.21 atm T - 300 K 8.21 × 10 = n x 0.0821 ×30



SIR HW JAB BHI KARNA HAI USME QUESTION BHI LIKHENGE YA PHIR SIRF QUESTION NUMBER LIKH KE SOLUTION KAREIN



Notes







