

Course on Mole Concept for Class XI

CM30 + M+ CHJOH -0.50 $0.52 = 2.5 \times 10^{-4}$ G.5 (1-x) Imol Solution Contain 0.2 mol wea NH20= 0.8 may H20

(7) $10^{6} - 17 = 10^{6}$

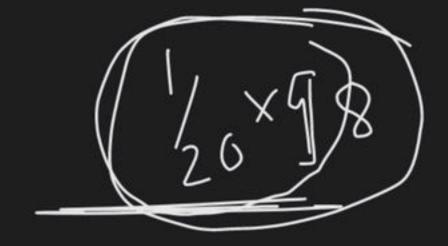
50 ml

$$H_2O(x) = \frac{20}{50}$$

500 gm Majs 000 gm traction 0.5 mod flever t when 14.4 gm 26.4 gm H20 0.8 2 (.4 6.8 /18 26.4gm 14. 4gm

100 ml 80-/.W/W 425 Vy A=1.96 gm/ml 80 × 196 gm

SO3 + H20 - H2 SO4 1/80 1/0



If chemical occurs on mixing. Case-II Acitic Bapic ym Nacy $\left(0\right) = \frac{6}{5}$

with related contraction Proi lems $(V_1 + V_2) \times 90$ Total mass of final son density of final Solh V, d, + V2 d2 = W, + W2

(16.8 nl pure) 420 is wined with (3-2 gm) CM30M. Find molarity of CM30H if density of final sof is (6.8 gm/ml.) 16.8gm + 3.2 gm = 20 gm (A) 100/8.4 = 200-(25 M) 218 (B) 1 w / 1(.8 () 4 $=\frac{0.1}{25}\times1000=4$

strength of 402:-> Volume. $2H_2O_2 \rightarrow 2H_2O + (0_2)$ 20V' H202 (2)

Let solution gives 20 lit 02 at 57P after when complete de composition of 4202. VOZ = 50 lit oz at 571 5 in 10V/H202(2) 9 M H2 O2 (~2)

$$\frac{1}{2} \frac{1}{10^{2}} \frac{1}{10^$$

Vol. 302 =
$$\frac{\chi}{2} \times 22.7$$

Vol. Strength = $\chi \times 11.35$
Vol. Str. = Molarity $\times 11.35$

(A) 22.7 old convertion (B) 45.4 (C) 11.35 Votstr - MXII.1 (D) None NH3/4/de composes to rive N2H2(20) 4 H2(5). (<u>)</u> . find relationship ber vot. str and Molanty Similar to 4202(ac) VJ. SH = MX

N2 H2 + 27/2 VJ. St = N X 22.7

1 Lit