$$\frac{4}{36.5}$$
 $\frac{30\times10\times1.1}{36.5}$
 $\frac{9.04}{1}$

. " en. Li

$$0 \qquad x - 2e^{-} \rightarrow x^{2+}$$

$$2^{2+} + 2e^{-} \rightarrow 2$$

BY WB= 55.85 X5X 20716 370.3 @ P, N = C2 V2 S2 => 1x w = 6x 15x163x0.4 2 1.67559 : lost 201 ×100 -; W= 2.011 g -: (NOT) NOO 567.024. " B vontra gradustagen (n'y) SI CHO -CHECK+ I + MACH -> CHI3+ CHO MOONA +MAI + HO 0H3CO-0H3 +12+NaoH -> CHT3 + CH300NA + NAJ+HO A = OH 3 00 OH 3 ; B= OH3 OHOHOH ; OF. CH3 COCH3 + CHC19 KOH3 CH30-OH B= OH3-OH-OH OFFICE OH3-OH OFFICE SINT-ONG! (mor) A= (H3000H3+ [A>(NH3)] OH -> (H,000H+A3+NH)+1/10 C = 10 - 0H 6) A0), (1004= 2Ag++(1004= AS NOS - AST +NOST tooke will still

A Cx Hzn-2 ; n29 (634 YOUT CAH P TO YOUR ZICTON H2C-C=C M, HC3C-CH2 2 (2) Dr दश्रेन स्थापू-D GIOTAZIHIA-H-0-6-CECH 41, HCEC-C-C-C-1 81(N) 11 = ref " N = 0.22 4 x 6.023 x 1023 $5 = \frac{i+}{ver} \Rightarrow \frac{4000 \times 15^{3} \times 34800 \times 3}{0.5 \times 2 \times 96500}$ = 1.35×1023 A Wa 0.224 58.7 -5= 0.44# CM = 13.16 g . + 1/4 (A) = 1.052 M @ (b) N= 0.4476X0.5 = 0.224 mol N; \$ +20 -> N; 2+ : 1 MOH 20, = 2715 3 mol migh 1) PoH = Pkb + log [SaH] 1: PH= -109[1.77×105] +109 0.12 = 2×103 1: Pt = 4.86 Q,

PoH = Pkb + log [Salt]

> 1H = Pkb + log NSAH

2 NA OH + 1th SOA -> NA 2 SOA + 1th O

2 NA OH + 1th SOA -> NA 2 SOA + 1th O

2 NA OH + 1th SOA -> NA 2 SOA + 1th O

2 NA OH - 40 XO .5 = 20mm

MH 20A = 15 XO, LE 7mm

MH 20A

13]
$$D_0$$
: = $\frac{1}{4} \times 0.025 \times 10 \times 16^{3}$

= $6.25 \times 16^{5} \times 32 \times 16^{3}$

= $2 P P M$

DOF = $\frac{1}{4} \times 0.9.5 \times 16^{3} \times 0.015 \times 32 \times 16^{3}$

= $0.42 P P M$

.: $COP = 1.58 11 M$

50 ML — $1.58 \times 100 M$

= $1.58 \times 100 M$

- $1.58 \times 100 M$

= $1.58 \times 100 M$

All C. $1.58 \times 100 M$

M CHOCH + HO. \rightarrow CHOCHO

(C) CHECH + HO. \rightarrow CHOCHO

(d) (143-000H) + (143000H) (1205) (143000000H)

 $\frac{121}{8} \frac{9}{10} = \frac{1}{2} \frac{1}{2}$

$$[0] = \frac{4x}{5}; [0] = \frac{4x}{5}$$

$$= \frac{29.39x}{5}$$

$$\Rightarrow k_{6}; \frac{29.39x}{500^{4}}$$

$$= \frac{25.29x}{500^{4}}$$

$$= \frac{25.29x}{500^{4}}$$

$$= \frac{25.29x}{500^{4}}$$

$$= \frac{25.29x}{500^{4}}$$

$$= \frac{2.25 \times 10^{5}}{500^{4}} = \frac{4x^{2}}{500^{4}}$$

$$= \frac{2.25 \times 10^{5}}{500^{4}} = \frac{4x}{500^{4}}$$

$$= \frac{2.25 \times 10^{5}}{500^{4}} = \frac{4x}{500^{4}}$$

$$= \frac{2.25 \times 10^{5}}{500^{4}} = \frac{4x}{500^{4}}$$

1. D= 1.69m 01 2 801.4 m.1 ·: V2 801 AX 0.0821 × 273 = 17962.03 -.25 2. 718·5L 718.50 ANDS 1. Ro 5. 155 m 0.814m Q 100-20, 1000 ---- 250 3 359 you you 2003 : 3007 July 40, 250 x300 =214.3 : 1203 yarryo- 209 -: 3007 MM 21 20/1360 = 509 - ati (mar (2143-50) - 164.3 g @

 $E' \left[Cu \left(NH_3 \right) 4 \right] 304$ $Ca^{2+} = \left[An \right] 30 9$ $Sp^2 d$ NH_3 Cu^{2+} Cu^{2+}

161 Pals = Pols + ali Pins = 1-4 xp=0.332 am' to 0 0 Kp= (1.33) = 5.33 adm tet; 1-x x x Protola 2,992 atm, Ke 0.9m N+= 1-x+x+x vi 5:33 = X - 70/2,196) -: No KOTAD OBILY 208 = 12 10 180 1 Plaz = XP = 1.33 atm 62 = XXP= 1.33 000 1.8×0.0821×298 => 14.721 17 com/c [fe(n)] -> (U2 [Fe (ON) 6] +21e+ W W course cu > Or[An] 451 8d10 Call -> [An] 3d9 W=T 5=-1 181 7 = PH-[1, e-1,], XX 1/2 205 5 - Pm (25 - 13c) - 900 D 7 dans 1 Pmins 25 1 DX3 = 625 : A>J<A>Z<A>X3 Ama 5 PH / Anin = 4 : 071 = 16 भा(भी) Than = Ry (16 - 15) = 7 max = 980 15 Anino IN ANIO OFF