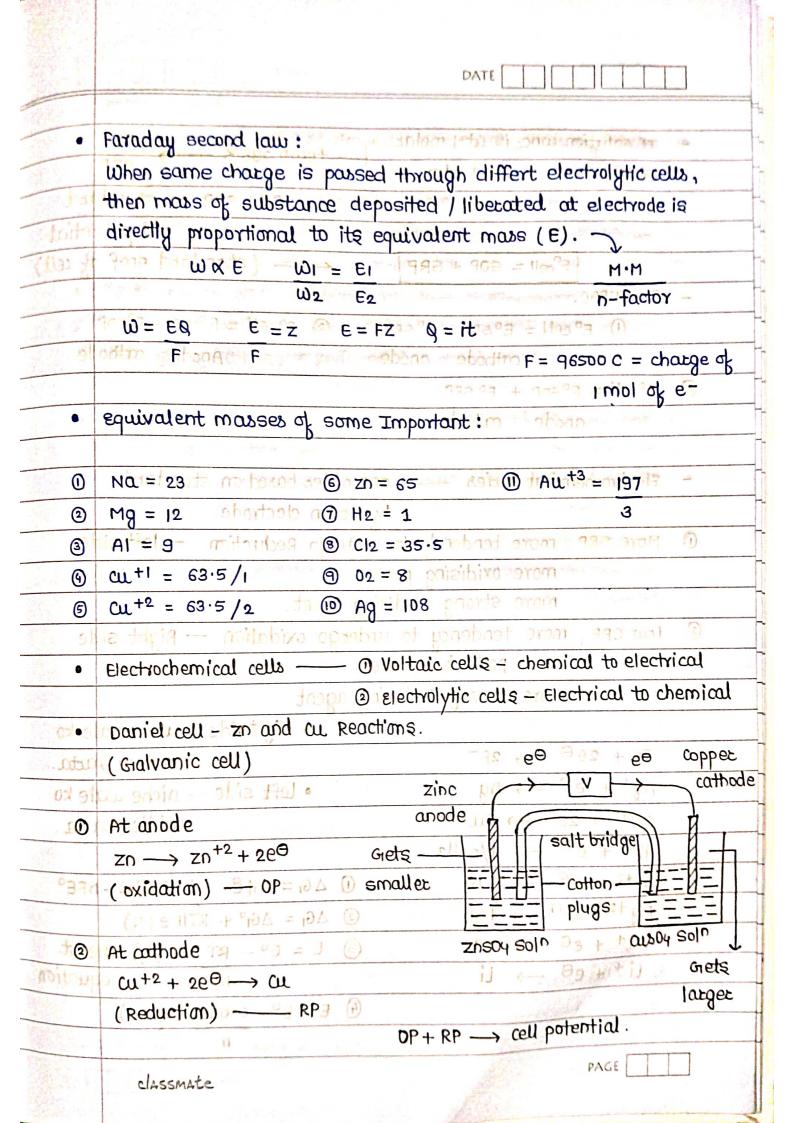


	DAT	E	
3074			
0	-'Am = Xx 1000 shorten Am = scm2 mol-1+14 = 10 MM (1000 6)		
	c = mol L-1		
3	K = N D D D D D D D T T => scm-1		
	Λ = molar condu		
		uctance – infinite dilution	
ith -	upon dilution, Top Frank = Degree of 1	Dissociation	
海 南京	conc √ K √		
	conc \ \ \mathread of m \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	conc + & of weak electrolyte 1 mon.		
William W	(addition of water) ^m		
39 + Oct			
	$\Lambda m = -a\sqrt{c} + \Lambda_0$	electrolyte >	
	- strong electrolyte - shortsoh 10	the hore to the the	
	notation - (Dissent) Too partition	7/7.14+17 °	
•	refectvolysis : 119) In (- TOS + 2+11)	abotto ta P	
	cation = cathod		
700 A	Anion = anode	Molten	
	Nacl - National CI - FI : Paras	Nacl	
7.1	At cathode, Na+ + e> Na 100 CCR	1-1(-10)	
	(Reduction)	oboitio JA .	
751	At Anode; CI 1C12 + ep - AADI	1 (0 + 11) 1	
Barrell .	(outlie) 2 (oxidation)		
10 - 17	(50%) HOUT -> HO - OF 1- SB		
•	nischarge potential theory:	A STATE OF THE STA	
42.		: well traid ye burned ?	
die.	Anions: I-> BY-> CI-> OH-> NO3-> SO	y ²⁻ > F ⁻	
in the	HT 2 HT 2	re it > ni	
	cations: Au^{+2} > Mg^{+2} > Nu^{+} > K^{+} >	ili, to have	
Stanta	is) of (Discharge hone ka order) dip	WE WOU	
	classmate	PAGE	

	DATE DATE		
0			
	CIT OH- 100 = 2		
	At Anode CI → 1 CL2+;e0		
15	Dilute Very Very Very		
aoth	Ill otlaini - someto u Dilutesci- OH= 1/2		
	CI- mitriosz 410H = 02 + 2H20 + 4e-, mitrib mqu -		
	L conc ν λ · ν · λ · ν · λ · ν · λ · ν · conc · · · · · · · · · · · · · · · · · · ·		
<u> </u>	ex: ag. auso4 with inert electrode		
	cone & of weathfrestighter popularion of a form		
34810	soy2-, ofinite w to milibbo)		
•	At anode $cut^2 + 2e^- \rightarrow cu$ • At anode $40H^- \rightarrow 02 + 2H_2O + 4e^-$		
- 31	on = -avic + vo		
3			
	• At+ Anode Cu -> Cu+2 + 2e - (Impute) - oxidation		
	• At cathode cut2 + 2e > cu (Pure) - Reduction =		
	bodtos = mitas		
15(9)	1example: H2SO4 - Show = minn		
130	15 July		
N-	At adhade, Mat + Tyoshicho CCR A protection to		
•	At counting ((n - n - n) Soy.		
1 p	H++e> 1 H2HA • At anode 140H> 02+2H2O+4e-		
A-	(mitabivo) s (pilute)		
-	$(50\%) \text{HS04}^- \longrightarrow \text{H}_2\text{S}_2\text{O}_8 + 2\text{e}^-$		
	is narge potential theory:		
•	Faraday First law:		
	Full that I I I S BY I S CIL S ON I S ND3 S ED49 S S F		
1	Mass of temperated / Ilberated at electrode: is directly		
	proportional to "quantity of electric charge (9).		
	z = electrochemical		
	WX9 w=z9 9it (solve or soul equivalent (constant)		
	classmate PAGE PAGE		



	DATE
_	If solution conc is at 1 molar 7 temp 298 K SRP
1	If gas conc is at 1 atm 11 1 and in our of sept
9	in a balle in the test of the better again to me so put SRP - restandard
	(a) Fit a tradevious eti et lunoitugen cell potential
	E'cell = SOP + SRP (standard Emf of cell)
_	By IUPAC,
	1) E° cell = E° SRP = E° SRP = 2 E° CELL = E° SOP - E° SOP
\$ star	the cathode anode. Anode cathode
<u> </u>	A STATE OF THE STA
	· equivalent masses of some Importaboution a about
	the first of the second of
	Electrochemical series — sep order based on standard 1
	1 hydrogen electrode 1 = LM @ 3
0	More SRP, more tendendy to undergo Reduction — left side
	more oxidising power () 3800 erom
	more strong oxidising agent. 2/2:02 = 2+10 3
2	Low SRP, more tendency to undergo oxidation — Right side
	Her whenical cells — assimply gripubes somical to electr
ADD 1 MS	to at boint more estrongy/Reducing agent
	Rightside : upaz wale ko
studte:	$f_2 + 2e^{\Theta} \longrightarrow 2F^-$ (Us) of Reduce karta.
-	Ag++ e = Ag oniz • left side - niche wale ko
	$cu^{+2} + 2e^{\Theta} \rightarrow cu^{-1}$ 0xidise karta.
	H+++ e 0 = 1/2 H2 = 200 695 + 2+05 (- 05
	Zn+2+2e0 > Zn Dluma () AG=+nFe- (/ AG°=+nFe°
	$Mg^{+2} + 2e^{\Theta} \rightarrow Mg$
1 mag	$Na^+ + e^{\Theta} \longrightarrow Na^-$ 3 $E = E^0 - RT \ln (g)$ nerst
Sidero	ui++e⊖ → Li n ∈ DF 2 + 1 1 equation
298201	(B) E = €0 - 0.059 log (B)
	n OP+RP -> (ell potential.
	classmate

	DATE STUTE STAD
	area - serv
0,01	
	110 equation 201 - 01, 12 d
150	0 E = RT In (K) 2 E = 0.059 log K
- 10	and 90 pe and 40 mittoms atom 209.9 The last
with the second	PP = Ku Xquv - Mar
	Sportaneous cell: E°cell = E° cathode - E° anode
ean	
72 . 14 .	High SRP = cathode = Reduction ham storged
R. F. Carlot	The state of the s
	When two cell half SRP are given then third half cell SRP
	can be calculated by
	emot E'3 = niEi + n2E2nt Ma ambin .
10 m	na na
	D nature of gas : order of solubility
	11 < 21 < 11 / 20 < 1011 < EHH > 11H3 > 10H > 1H2 > 11CH > 1H2 > 11CH > 1H2 >
Market State of the State of th	1 nature of solvent a pielectric contant a Patanty
	1 mane (
1 tu	of syrasticle some completions of the contractions of the contraction of the contractions of the contraction of the contr
ASA	EP = Kursolubility and == an OrP = low T= low
	of solubility O Gras dissolved in the
100	Tdeat que Bekevieure =
1991	and short women three A. A. Samuel D. A. Manney and
	in timed:
	sometimes & Found supply (- bimpil: no iterations of
5	(about a griedling to) to pupil of supply million and
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awiya	There to our died success Dao Daiph dree usasses
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