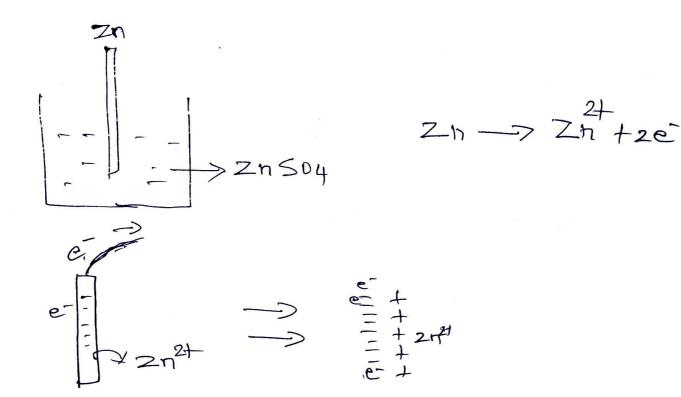
27/03/21
Basic Terminologies
Electrolyter _ strong }. Lonductance \ \ \ weak
Electrolytiz Conductance - mobility of ions Molar conductance, specific (ondu
Transport number - Fraction of current carried to
Application. conductence - Acid base titration
conductometric NHypH Vs LH3looH NHypH Vs LH3looH

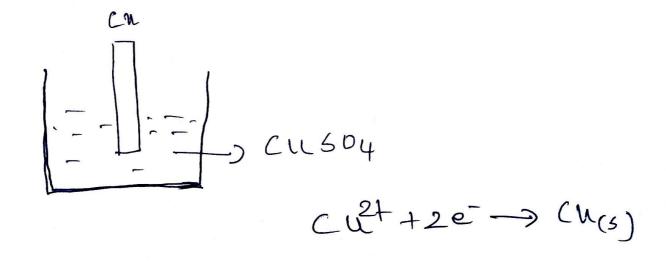
Electrode potential

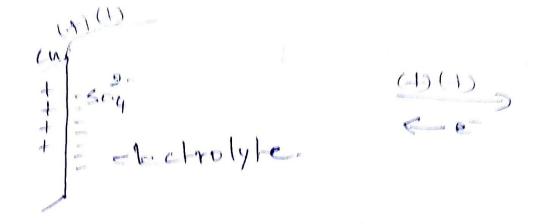


The magnitude of Force developed

oxidation potential

11 67

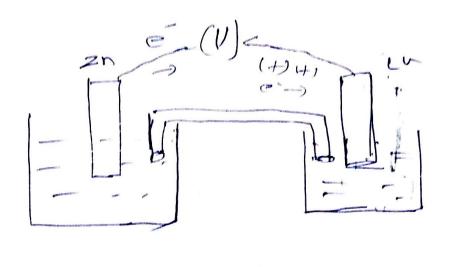




inherently Reductive

To some extent in gets deposited reduced

Thereupon (1) we charges generation



e Flow

Zn-Electrode potential. Half cell

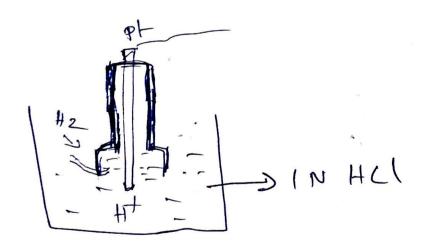
Standard Electrode

Residual Potential Taken as Zero.

Primary - Standard Hydrogen

Secondary - SCE, Ag/Agcl

SHE



 $H_2 \longrightarrow 2H^{\dagger} + 2e^{-}$ oxidation $\Rightarrow v = 0$ $2H^{\dagger} + 2e^{-} \Rightarrow H_2 \land Pednotion$

Single Electrode potential

Zn, cn, Al, Ag, An, Pb etc...

