

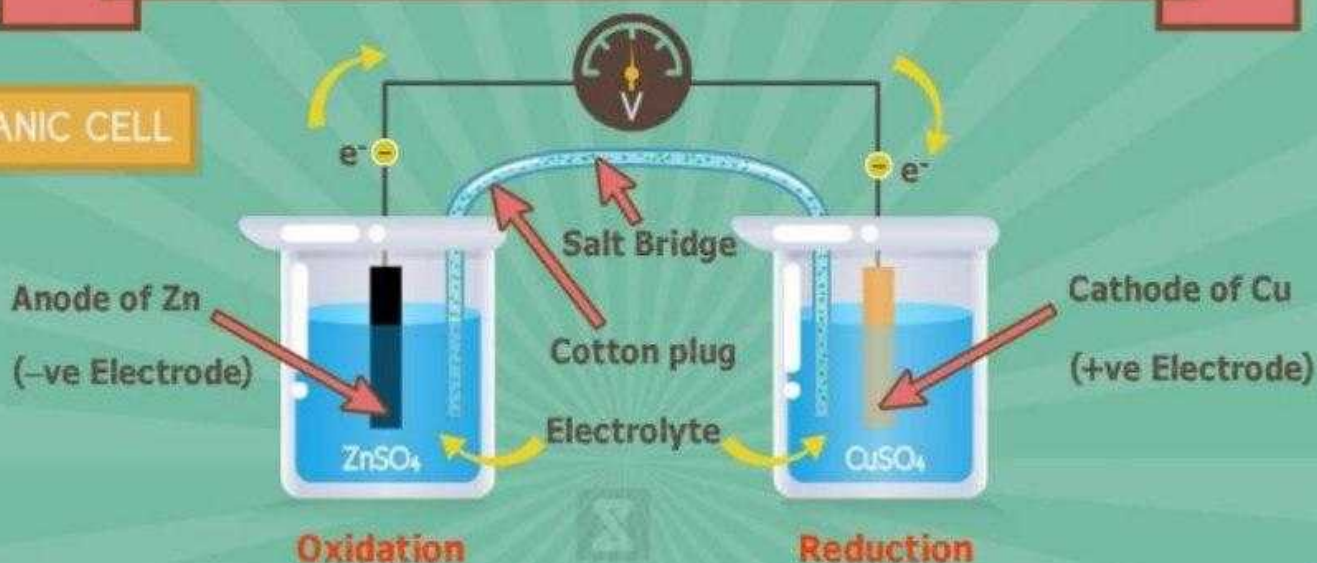


# ELECTROCHEMISTRY

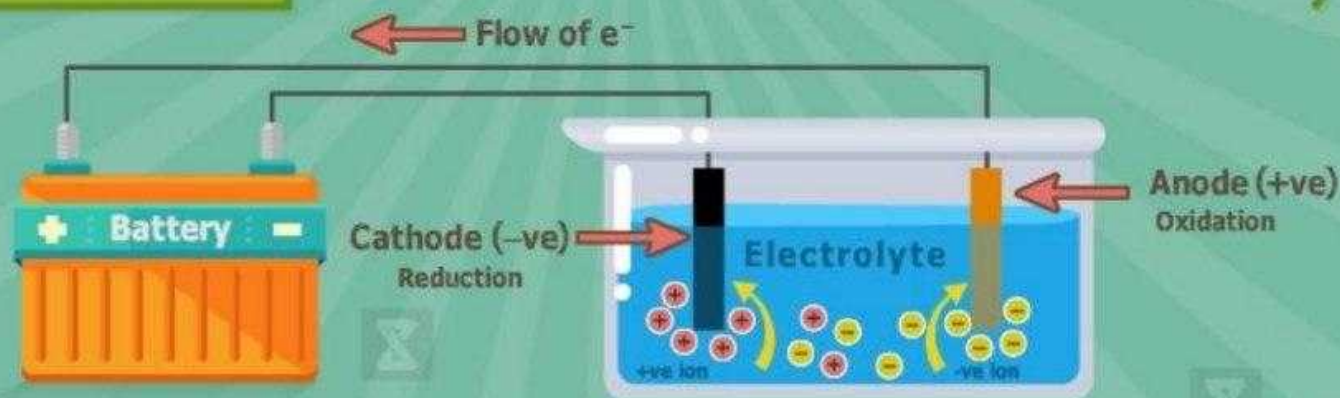


## COMPARING GALVANIC AND ELECTROLYTIC CELL

### GALVANIC CELL



### ELECTROLYTIC CELL



PROPERTY	ELECTROLYTIC CELL	GALVANIC CELL
Basic structure	Two half cells connected by salt bridge.	Both electrodes placed in same container
Energy conversion	Electrical energy $\longrightarrow$ Chemical energy	Chemical energy $\longrightarrow$ Electrical energy
Transfer of electrons on the electrode	Positive(anode) $\longrightarrow$ Negative(Cathode)	Negative(anode) $\longrightarrow$ Positive(Cathode)
Anode	Positively charged electrode	Negative terminal cell
Cathode	Negatively charged electrode	Positive terminal cell