

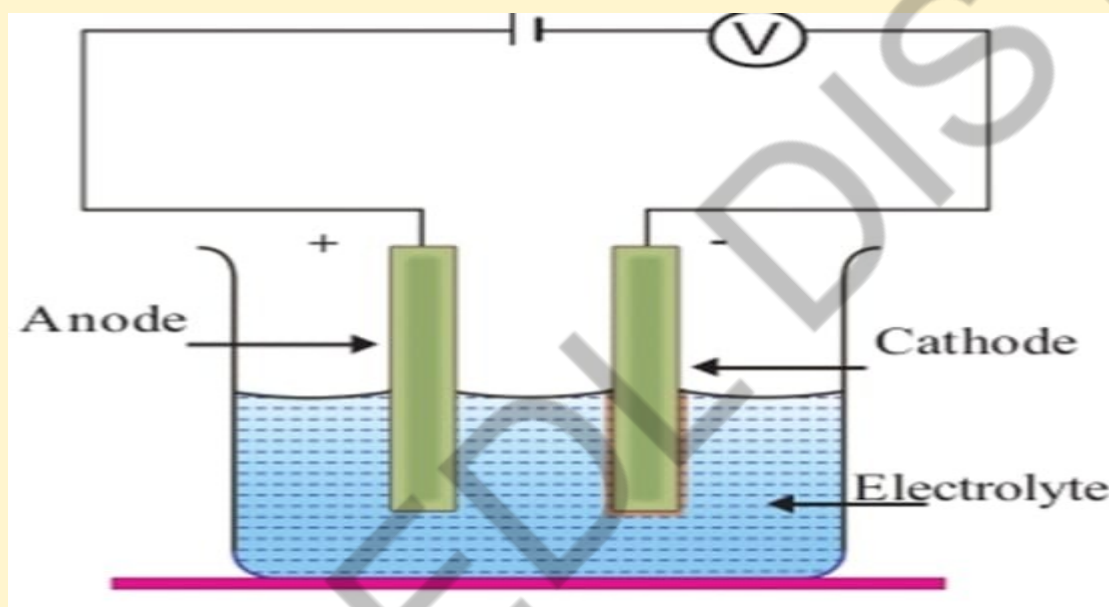
THIRUVANANTHAPURAM EDUCATIONAL DISTRICT

CHEMISTRY

CW8X4

STDX

REACTIVITY SERIES AND ELECTROCHEMISTRY



1. Identify the cell given.
2. Write the energy conversion in this cell.
3. Name the electrode at which reduction takes place.
4. What do you mean by an electrolyte?
5. If the above electrolyte is molten sodium chloride write the following
 - a) Anion
 - b) Cation

- c) Name the gas liberated from anode.
- d) Name the metal deposited at cathode .
- e) Write the reactions at anode and cathode .

6) What do you mean by electrolysis?

7) Tabulate the below points related to electrolytic cells and electrochemical cells.

- *Chemical energy is converted into electrical energy
- *Anode is positive
- * Cathode is positive
- *Electrical energy is converted into chemical energy
- *Anode is negative
- * Cathode is negative

Electrolytic cells	Electrochemical cells