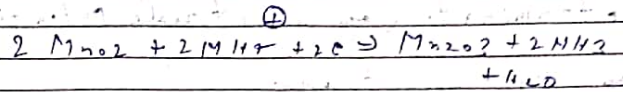
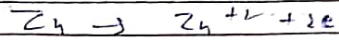


Chemical reaction which takes place is represented as



Cell or Battery :- cell is a device in which chemical energy is converted into electrical energy. There are two types of cell

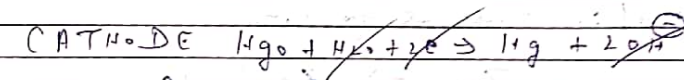
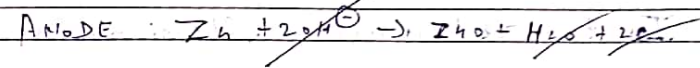
Till the process of oxidation of zinc and reduction of MnO2 continues

- (i) Primary cell (ii) secondary cell

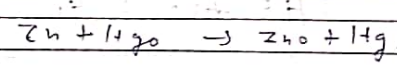
Primary cell: Primary cell are those cell which can not be reused. cell works till reactivity of chemicals is maintained. Leclanche cell is a example of primary cell.

Mercury cell: In Mercury cell Zn/Hg acts as ANODE AND carbon acts as a Cathode.

KOH and ZnO acts as electrolyte.



In Leclanche cell zinc pot acts as anode. outer surface is covered with Carbon. Mixture of NH4Cl and MnO2 is in the pot.



In the middle Graphite rod is placed which acts as CATHODE.

This cell is used in hearing instrument as well as in camera also. E.M.F. of cell is 1.25 Volt.