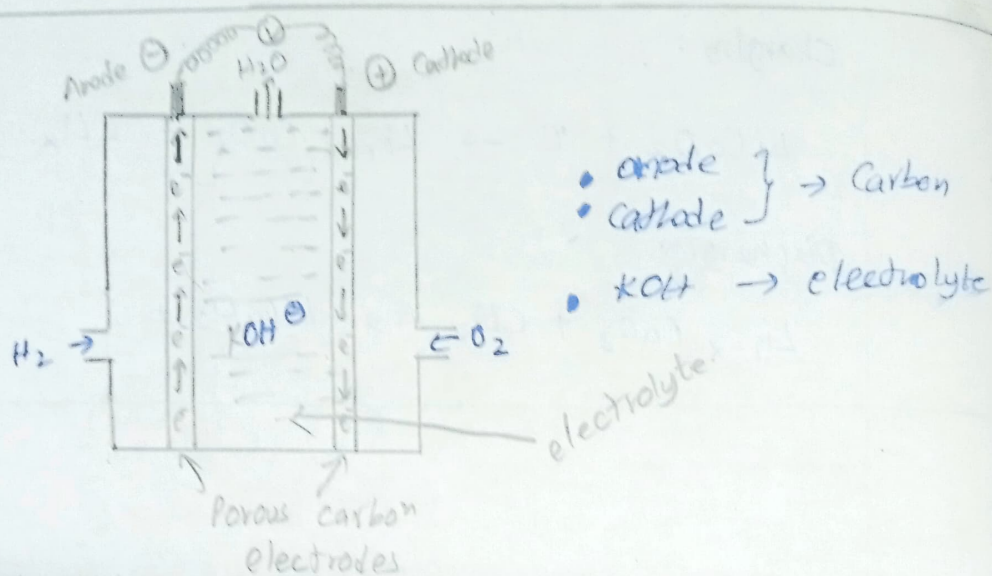


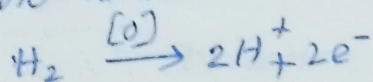
06-12-23

## Fuel cell

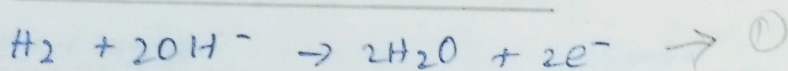
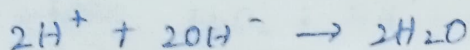
Day 61



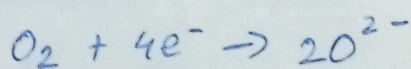
\* At anode:



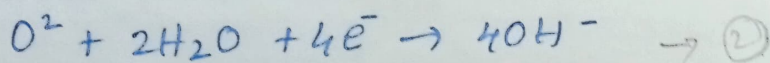
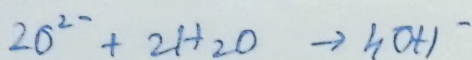
Oxidation



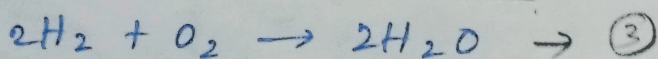
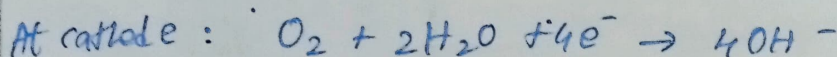
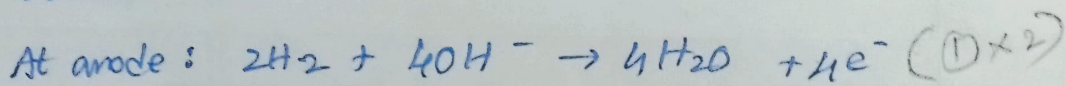
\* At cathode:



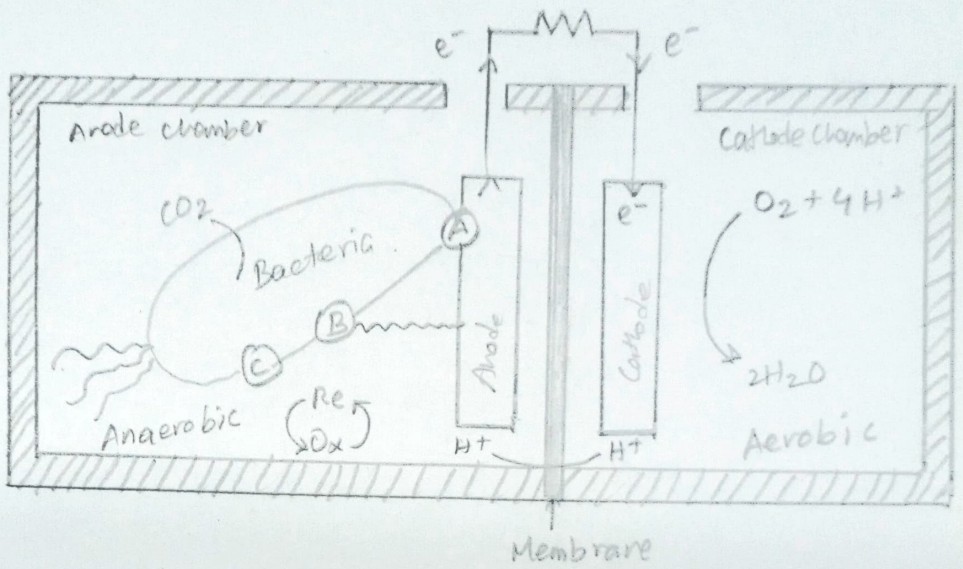
Reduction.



\* Overall reaction:

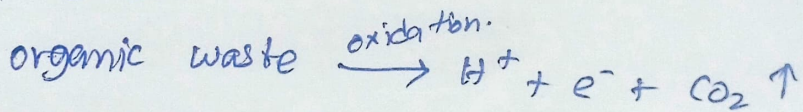


## Microbial cell (Fuel cell)

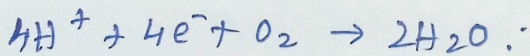


→ Chemical energy → Electrical energy

- At anode:



- At cathode:



$$E^0 = 1.23 \text{ Volt.}$$

→ Can be used under water.