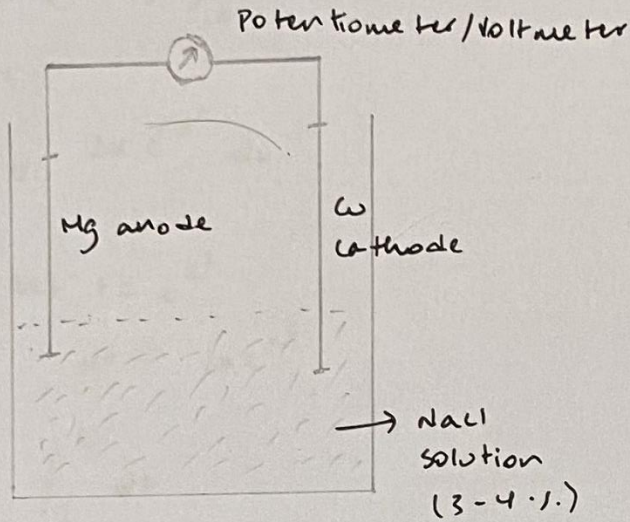


2.



3. Each cell acts as a battery of 1.4 V

$\therefore$  For 10 cells in series, total voltage is 14 V.

4. Many couples of metals, and graphite, can be used. These can give a maximum of around 2.5 V per cell. The following cells are possible:

Mg - graphite

Mg - Cu

Fe - Cu

Fe - graphite

Ca - graphite

Ca - Cu

The common factor being that the metals should have a large reduction potential difference.