
CHEMICAL EFFECTS OF ELECTRIC CURRENT

I. Write answer for the following as directly :

1. What is LED ?
2. Name a gas which burns with a pop sound.
3. Which electrode is connected to the negative terminal of a cell ?
4. Name the ions which are positively charged.
5. Name a device which is used for the electrolysis of water ?
6. Write a chemical equation for the electrolysis of water.

II Answer the following in 2 or 3 lines :

1. Define the following :
a) Electrolyte b) Cathode c) Anode d) Jonse) Voltameter
2. What is electroplating ?
3. Draw a neat diagram of voltameter and label it
4. Identify the following as electrolytes and non electrolytes :
a) dil HNO_3 b) Benzene c) Petrol d) Zinc
Chloride solution e) a solution of Naoh g) Ether h)
Alcohol i) Common salt solution
5. State three uses of electrolysis.

III Define the following in detail :

1. Describe an experiment to show chemical effect of electric current.
 2. Describe an experiment for the electroplating of an iron object with copper.
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