



**Affiliation No. 1130703**

**WORKSHEET-11**

**CLASS: VIII    DIVISION: \_\_\_\_\_**

**SUBJECT: Science**

**PREPARED BY: Prathibha Hebbar    L.No: 11 – CHEMICAL EFFECTS OF ELECTRIC CURRENT**

**Q.1 Define**

1. Anode
2. Cathode
3. Anions
4. Captions
5. Electrolysis

**Q.2: Fill in the blanks**

1. The passage of an electric current through a solution causes \_\_\_\_\_ changes.
2. During electrolysis, water gets dissociated into \_\_\_\_\_ and \_\_\_\_\_
3. An electrode connected to the negative terminal of battery is called \_\_\_\_\_
4. A cation has \_\_\_\_\_ charge
5. A bulb glows on passing current. This happens due to the \_\_\_\_\_ effect of current.

**Q.3: Answer the following questions.**

1. List a few applications of electrolysis
2. Why tin is used to electroplate iron vessels and containers?
3. A Sugar solution does not conduct electricity, but a salt solution does. explain with reason.
4. Why pure water does not conduct electricity? why is acid or salt added to water during electrolysis?

**Subject Tr**

**HOD**

**Co Ordinator**

**Principal**