

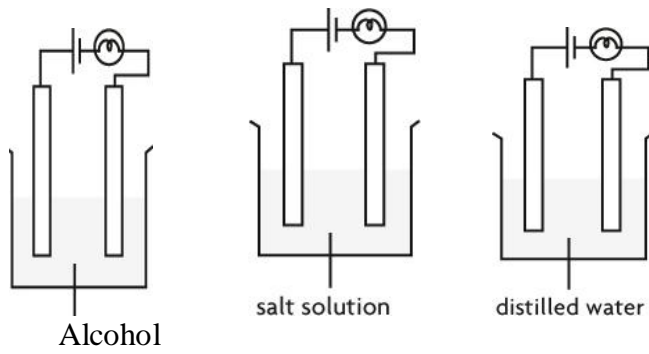


INDIAN SCHOOL DARSAIT DEPARTMENT OF SCIENCE

Subject : CHEMISTRY	Work sheet- Chemical effects of electric current	Date of Worksheet : 04-01-2018
Resource Person: Mrs Sandhya Jitheesh		Date :
Name of the Student : _____	Class & Division : VIII----	Roll Number : ____

- 1 The full form of LED is ----- 1
- 2 In LED's the longer lead is connected to-----terminal 1
- 3 The gas released on negative carbon electrode when current passes through acidified water? 1
- 4 The breakdown of a chemical compound using electricity is known as ----- 1
- 5 During electroplating, the object to be electroplated is taken as----- 1
- 6 What is the advantage of electroplating a material with chromium? 1
- 7 Write a chemical equation for the electrolysis of water. 1
- 8 Write two uses of electrolysis. 1
- 9 Give reasons: 1
a. Dilute acid is added to water during the electrolysis of water. Mark each
b. Pure water is a poor conductor of electricity.
c. LED is a better option than bulbs for testing conduction of liquids.
d. Operating electrical appliances with wet hands is very dangerous.
- 10 Name the following: 1
a. Charge carriers in liquids. Mark each
b. The ions that are attracted towards anode
c. Positively charged ions in an electrolyte.

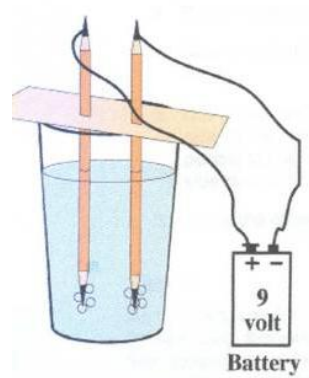
11



1

In which of the above case will the bulb glow? Why?

12



2

Label the anode and the cathode in the diagram shown above representing the electrolysis of water. Define electrolysis.