



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI-110034

CLASS-8 Term I

Chemistry Assignment

CHEMICAL EFFECTS OF ELECTRIC CURRENT

Q1. Explain the meaning of a good and bad conductor of electricity with an example.

Q2. Can liquids conduct electricity ? If yes, how ?

Q3. Explain an activity to demonstrate the conductance of electricity in a liquid along with a labeled diagram.

Q4. Identify the following liquids as conducting or poorly conducting – Lemon juice, vinegar, tap water, distilled water, vegetable oil, milk.

Q5. We should not touch electrical equipment with wet hands. Explain why ?

Q6. Does distilled water conduct electricity ? If no, then what can be done to make it a conductor of electricity.

Q7. Define the terms : Electrolyte, Electrolysis, Anode and Cathode.

Q8. Give reasons –

- a. Bridges are made of galvanized iron.
- b. Chromium plating is done on car parts, bath taps, wheel rims, etc.
- c. Electrolysis of water is carried out using acidulated water.

Q9. List the changes that occur when electric current passes through a conducting solution.

Q10. What is electroplating ? List some applications of electroplating.