

PRACTICE ASSIGNMENT
CLASS 8
CHEMICAL EFFECTS OF CURRENT

Q I. Fill in the blanks:-

1. A Compound formed by ions is called _____ .
2. The electrode connected to the negative terminal is _____ .
3. Distilled water does not conduct _____.
4. Electroplating is an important use of _____ .

Q II. Name the following:-

1. An atom that loses an electron
2. Cell used in electrolysis
3. A liquid or a moist paste that has ions in it

Q III. Draw the following diagrams and label it.

1. Electroplating steel spoons with silver.
2. Flow of ions in an electrolyte.
3. Electrodes.

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

Q V. 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.

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

Q VII. Answer the following:

1. Do liquids also conduct electricity? Name two liquids which conduct electricity & two liquids which do not conduct electricity.

Q2. Name a device which glows even when a weak electric current passes through it.

Q3. Write full form of LED.

Q4. When electric current is passed through acidified water, then hydrogen & oxygen are formed. What type of effect of current is illustrated by this statement?

Q5. Name the metal which is usually electroplated on car parts such as bumpers & bicycle handlebars made of steel.