

**CSBE Class 8 Science**  
**NCERT Exemplar Solutions**  
**CHAPTER – 14**  
**Chemical Effects of Electric Current**

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**VERY SHORT ANSWER QUESTIONS**

**8. Fill in the following blanks:-**

- (a) The object to be electroplated is taken as \_\_\_\_\_ electrode.  
(b) One of the most common applications of chemical effect of electric current is \_\_\_\_\_.  
(c) Small amount of a mineral salt present naturally in water makes it a \_\_\_\_\_ of electricity.  
(d) Electroplating of \_\_\_\_\_ is done on objects like water taps and cycle bell to give them a shiny appearance.

**Ans: (a)** Cathode

**(b)** Electroplating

**(c)** Conductor

**(d)** Chromium

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**9. Why is a layer of zinc coated over iron?**

**Ans:** A layer of zinc is coated over iron to protect iron from rusting and corrosion. This process is known as **galvanization**.

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**10. Will the solution of sugar in distilled water conduct electricity?**

**Ans: No,** the solution of sugar in distilled water will not conduct any electricity.

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**11. Name the effect of current responsible for the glow of bulb in an electric circuit.**

**Ans: Heating effect of electric current** is responsible for the glow of bulb in an electric circuit.

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