

Board – CBSE

Class – 8<sup>th</sup>

Topic – Chemical effect of electric current

1. Define electroplating.
2. Why rubber and plastics do not conduct electricity?
3. Write a short note on electrical tester.
4. Why is it right to say poor conductors instead of bad conductors?
5. Describe the functioning of a LED.
6. Tap water is considered as a good conductor. Why?
7. What is the purpose of one long and another shorter lead of a LED?
8. We add a small amount of sugar to distilled water, the resulting solution will be a good conductor or poor conductor? Explain why.
9. Define electromagnetic induction.
10. It is advisable to cut the electric supply before putting water over a fire caused due to electricity. Why?
11. Write one use of electroplating
12. How can you make a tester for testing whether a given material is a conductor or an insulator?
13. The liquid is a conductor and the circuit is also complete, but the bulb does not glow. Why?
14. Give three applications of chemical effect of current.
15. Why should you not touch electrical appliances with wet hands ?