

1. Define an electric circuit.
2. What is a closed circuit?
3. Write two safety rules while using electricity.
4. Differentiate between conductors and insulators.
5. What happens if the bulb filament breaks?
6. Explain magnetic effect of electricity with one example.
7. Describe the heating effect of electricity.
8. Why is it dangerous to use wet hands with electrical appliances?
9. Describe how an electric bulb works.
10. What happens when current flows through a coil of wire?
11. Draw a simple circuit diagram and label its parts.
12. List four applications of electricity in daily life and classify them under heating and magnetic effects.
13. Explain how electromagnets are made and their uses.
14. Compare conductors and insulators with two examples each.
15. Explain any two effects of electricity with diagrams and applicatio