

ANSWER THE FOLLOWING QUESTIONS:

1. The thin metal wire in an electric bulb that heats up and glows when electric current passes through it: -----.
2. The two ends of an electric battery or cell, which are connected to conducting wires to draw electric current: -----.
3. An electric circuit which has an unbroken path through which an electric current can flow: _____
4. A device used to open or close an electric circuit: -----.
5. How does an electric switch work?

6. With the help of a simple diagram explain the working of an electric torch.

7. Draw a circuit diagram for a circuit consisting of a cell, switch and an electric bulb.

8. How are reversible changes different from irreversible changes?

9. Classify the following into reversible or irreversible changes:

a. Dissolution of salt in water:-----

b. Melting of butter:-----

c. Curdling of milk-----

d. Expansion of metal:-----

e. Baking of cake:-----

f. Germination of seed:-----

10. Why is cooking food an irreversible change?

11. Write any three precautions that are advised while handling electrical devices?

12. You are advised to wear rubber footwear while handling electrical gadgets. Why?

13. Name the terminals of an electric cell. -----

14. What is a battery?

