

ASSIGNMENT (UT - 2)
Class-VII
ELECTRIC CURRENT & ITS EFFECTS

- Q.1. Name the device which helps in breaking or completing a circuit?
- Q.2. Who observed the magnetic effect of current for the first time?
- Q.3. What is the glowing part of a bulb called?
- Q.4. When is the bulb is said to be fused?
- Q.5. Draw a circuit diagram showing a bulb, a closed switch & a battery of four cells. Also show the direction of current flowing through the circuit.
- Q.6. What do you understand by the 'heating effect of current'?
- Q.7. On what factor does the amount of heat produced by the current depend upon?
- Q.8. What is an electric fuse? Explain the working of an electric fuse.
- Q.9. What do you understand by magnetic effect of current?
- Q.10. What is an electromagnet? State the various uses of an electromagnet.
- Q.11. Give reason:
An electric bulb gives out light when connected in a circuit & switched on.
- Q.12. Manav made an electric circuit & placed a magnetic compass near it.
(a) On switching on, the needle of the magnetic compass showed a deflection Why?
(b) On switching off, the needle came back to its normal north-south direction. Why?
- Q.13. Explain the construction & working of an electric bell.

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