



মণিগোবিন্দোৰ ডেপুটী নক্সাৰাংল (ডেপুটী)

DEPARTMENT OF EDUCATION (S)

Government of Manipur

CHAPTER: 14

ELECTRIC CURRENT AND ITS EFFECTS

NOTES

- Electric current is the movement of electric charges.
- Charges are produced by a cell.
- Combination of two or more cells is called a battery.
- Electric components are represented by symbols.
- Symbols are helpful in representing circuit diagrams.
- When an electric current flows through a wire, the wire gets heated which is known as the heating effect of current.
- A fuse is a safety device.
- A fuse is made up of wires which melts quickly and break when large electric currents are passed through them.
- Miniature Circuit Breakers (MCBs) are switches which automatically turn off when current in a circuit exceeds the safe limit.
- Electric current produces magnetic effect.
- A wire acts like a magnet when electric current flows through it.
- An electromagnet is a current carrying coil of an insulated wire wrapped around a piece of iron.
- Electromagnets are used in many devices.



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