



General Science

CH: 14 Electric current and its effects

Name:

Date:

Class: VII

Sec:

I Fill in the blanks

1. An electric cell converts -----energy to -----energy.
2. A device which converts electric energy into light energy is -----.
3. Path of electric current is.....
4. Filament of electric bulb is made up of.....
5. A device which prevents or allow the current to flow through it is.....
6. Electromagnet is based on.....
7. In electric circuit the electrons flow from ----- terminal to the -----terminal.
8. The coil of wire contained in a heater is known as_____
9. Electric current is the flow of.....
10. Coils of heating devices are made up of.....
11. Expand the following : a) CFL b) MCB
12. Name the device
 - i) A device used these days in place of electric fuse in electric circuits
 - ii) Combination of two or more cells
 - iii) A safety device that protects appliances from overloading and short circuit.
 - iv) Magnet produced by electricity.
13. Bhoojo made an electromagnet by winding 50 turns of wire over an iron screw. Paheli made also made an



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electromagnet by winding 100 turns over a similar iron screw. Which electromagnet is stronger and why?

14. Why do we use nichrome in an electric heater?
15. Draw circuit diagram of open and closed circuit.