



General Science

CH: 14 Electric current and its effects

Name:

Date:

Class: VII

Sec:

I Fill in the blanks

1. Electric current is the flow of.....
2. A device which prevents or allow the current to flow through it is.....
3. Path of electric current is.....
4. In electric circuit the electrons flow from ----- terminal to the -----terminal.
5. A device which converts electric energy into light energy is -----.
6. Electromagnet is based on.....
7. Filament of electric bulb is made up of.....
8. Electric current is measured by a device.....
9. An electric cell converts -----energy toenergy.
10. Coils of heating devices are made up of.....
11. Our body is aof electricity
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. Why do we use nichrome in an electric heater?



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14. Bhojo made an electromagnet by winding 50 turns of wire over an iron screw. Paheli made also made an electromagnet by winding 100 turns over a similar iron screw. Which electromagnet is stronger and why?
15. Draw circuit diagram of open and closed circuit.