

VIDYA BHAWAN BALIKA VIDYAPEETH

STUDY MATERIAL SCIENCE CLASS-VII

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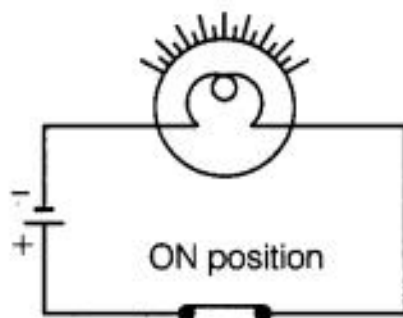
Teacher : Poonam Kumari

▶ Heating & Magnetic effect of Electric current

Circuit Diagram :

A circuit diagram tells us how the various components in an electric circuit have been connected by using the electrical symbols of the components.

(i) When the bulb glows In an electric circuit when the switch is closed, then the switch is said to be in the ON position. And when the switch in a circuit is open, then the switch is said to be in the OFF position. So, in an electric circuit, a bulb lights up only when the switch is in the ON position and at that time, we can say that the electric circuit is complete because the current flows throughout the circuit instantly (as shown in the figure) electric circuit.



Circuit diagram of electric circuit