# INDIAN SCHOOL NIZWA - WORKSHEET

SCIENCE

CH: 12 ELECTRICITY AND ELECTRIC CIRCUITS

Name: _____ Date:_____ Class: VI Sec: ___

**I Fill in the blanks**

1. The thin coil inside the bulb which gives out light is called _____
2. Electric bulb is invented by _____
3. The path along which electric current flows is _____
4. Electricity can be stopped from flowing in a circuit with the help of a _____
5. The electric current in a closed circuit always flows from the _____ terminal of the electric cell to the _____ terminal.
6. The base of an electric cell is its _____ terminal.
7. A _____ circuit has gap between two wires.
8. _____ is a device which converts chemical enrgy into electrical energy.

**II Define the following.**

9. Electric conductors
10. Electric insulators

**IIII Classify the following as electric conductors and insulators**

Plastic,iron ,copper, tap water,wood, aluminium,cotton,rubber,pencil lead,air,wool,polythene bag

**IV Answer the following.**

11. Name a few appliances that work on heating effect of electric current.
12. Why are electric wires made of copper though silver is the best conductor of electricity?
13. A fused electric bulb does not glow. Why?
14. We should not put our hand in the socket hole of an electric circuit.Explain why.
15. A bulb connected in a circuit does not glow. List any three reasons for it.