

# Science Worksheet

## Electricity and Circuits Class VI

A. Choose the most appropriate option:

- A thin coil of metal, which glows when electricity is passed through it, is called
  - Switch
  - Insulator
  - Filament
  - Bulb
- Which of these does not allow the current to pass through it?
  - Bakelite rod
  - Copper rod
  - Brass rod
  - Iron rod
- Which of the appliances at your home does not run on electric current?
  - Air conditioner
  - Gas burner
  - Mixer grinder
  - Television
- A device that prevents or allow the current to flow through it
  - Switch
  - Motor
  - Conductor
  - Terminal
- Direction of electric current in the circuit is from
  - Negative to Positive terminals
  - Positive to negative terminals
  - Negative to negative terminals
  - Positive to neutral terminals.
- Which of the following is not an insulator?
  - Glass
  - Plastic
  - Graphite
  - Rubber
- Inside the torch two or more cells are placed with
  - Positive – negative- positive –negative.
  - Positive- positive- negative- negative.
  - Negative- negative- positive – positive.
  - Negative – positive- positive- negative.

B. Match the following

Column A

- Electric cell
- Electric bulb
- Metal wire
- Plastic string
- Terminals

Column B

- Positive and Negative ends of cell.
- Bad conductor
- Have two terminals.
- Good conductor
- Have filaments.