

Science Worksheet

Grade VI Electricity and Circuits

A. Choose the most appropriate option-

1. A thin coil of metal, which glows when electricity is passed through it, is called

a. Switch b. Insulator c. Filament d. Bulb

2. Which of these does not allow the current to pass through it?

a. Bakelite rod b. Copper rod c. Brass rod d. Iron rod

3. Which of the appliances at your home does not run on electric current?

a. Air conditioner b. Gas burner c. Mixer grinder d. Television

4. A device that prevents or allow the current to flow through it

a. Switch b. Motor c. Conductor d. Terminal

5. Direction of electric current in the circuit is from

a. Negative to Positive terminals

b. Positive to the negative terminals

c. Negative to negative terminals

d. Positive to neutral terminals.

6. Which of the following is not an insulator?

a. Glass

b. Plastic

c. Graphite

d. Wood

B. Match the following

Column A

a. Electric cell

b. Electric bulb

c. Metal wire

d. Plastic string

e. Terminals

Column B

i. Positive and Negative ends of cell

ii. Bad conductor

iii. Good conductor

iv. Have two terminals

v. Have filaments