

GURUKUL INTERNATIONAL SCHOOL, JANJGIR

SCIENCE WORKSHEET

(SESSION: 2024-25)

CHAPTER- 12

ELECTRICITY

SUBJECT- SCIENCE	CLASS:V	NAME:
DATE-		

Section A: Multiple Choice Questions (MCQs):

1. What is electricity?

- A. Flow of water
- B. Flow of electric charge
- C. Flow of heat
- D. Flow of sound

2. Which of these materials is a good conductor of electricity?

- A. Plastic
- B. Wood
- C. Copper
- D. Rubber

3. Which of the following is used to open and close a circuit?

- A. Bulb
- B. Switch
- C. Wire
- D. Battery

4. What is the source of electrical energy in most homes?

- A. Wind
- B. Battery
- C. Generator
- D. Power stations

5. Which of the following is an example of an insulator?

- A. Copper wire
- B. Iron
- C. Rubber
- D. Aluminum

Section B: Fill in the Blanks:

1. The unit of electric current is called _____.
2. A _____ is a device that changes electrical energy into light energy.
3. A closed path through which electricity flows is called a _____.
4. An object that uses electrical energy to work is called a _____.
5. Materials like rubber and plastic are called _____ because they do not allow electricity to pass through them.

Section C: True or False:

1. A circuit needs both a power source and a path to flow electricity.

2. An electric bulb does not need a complete circuit to work.
3. Copper is an insulator.
4. Electricity can flow through metals like iron and copper.
5. A battery is a source of electrical energy.

Section D: Diagram:

1. Draw a circuit diagram using following materials:

- i) Bulb
- ii) wire
- iii) battery
- iv) switch

Also mention direction of current in the circuit.