

St. Andrews Scots School
Adjacent Navniti Apartment Patparganj
Delhi -110092
Session-2026-2027

Class VII

WORKSHEET(L-3)

Subject - Science.

Q1. Defines -

- a) Electric cell -
- b) Battery -
- c) Conductors -
- d) Alternating current-

Q2. Fill in the blanks:-

- a) _____ do not allow electricity to flow.
- b) The longer line in the cell symbol shows the _____.
- c) The filament is usually made of _____.
- d) LED do not have a _____.
- e) Electricity flows from the positive terminal to the _____.

Q3. Write True or false-

- a) A bulb glows when the electric circuit is complete _____.
- b) Plastic and rubber are conductors _____.
- c) A bulb glows when wires are loosely connected _____.
- d) A switch controls the flow of current in an electric circuit _____.

Q4. Question/Answers -

- a) What do you mean by a complete circuit?
- b) Why do electric wires have plastic coating?
- c) Why is electric wiring usually made of copper?
- d) Draw symbols of the following electric circuit components:
 - i. Battery
 - ii. Electric cell
 - iii. LED

