

## CIRCUITS- AN INTRODUCTION

### Worksheet

**SECTION A: Conductors & Insulators.** *Type below each picture whether the material shown is a conductor or an insulator*

|                                                                                   |  |                                                                                    |  |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|
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|                                                                                   |  |                                                                                    |  |
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|                                                                                   |  |                                                                                    |  |

**SECTION B: Circuit symbols.** *Match the circuit symbols to its correct name.*

| Circuit symbol                                                                      | Name            |
|-------------------------------------------------------------------------------------|-----------------|
|  | Resistor(fixed) |
|  | Switch          |
|  | Filament lamp   |
|  | Ammeter         |
|  | battery         |

**SECTION C: True & False-** *Choose from the dropdown arrow whether the statements given are true or false*

- Conventional current flows from the positive terminal to the negative.
- The unit for current is the Ampere.
- A parallel circuit is one in which there is one pathway for current to flow.
- All circuits are made up of conductors.
- A voltmeter is a device used to measure current in a circuit.