LESSON 12 ELECTRICITY AND CIRCUITS

WORKSHEET 1

 **I FILL IN THE BLANKS**

1. The path of electricity flows along is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. In an electric circuit the current flows from the \_\_\_\_\_\_\_\_\_\_\_\_\_ terminal to \_\_\_\_\_\_\_ terminal.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a simple device that makes or breaks the circuit.
4. An electric cell is a source of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. In an electric cell the metal cap serves as the \_\_\_\_\_\_\_\_ terminal and the metal disc serves as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ terminal.

6. The thin wire present in the bulb that give off light is called the \_\_\_\_\_\_\_\_\_\_\_\_ .

7. If the filament breaks, it is said to be \_\_\_\_\_\_.

8. The filament of a bulb is made of a metal called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

9. A cotton string cannot be made into a connecting wire as it is an \_\_\_\_\_\_\_\_\_.

10. Connecting wire are mostly made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ material.

**IV MATCH THE FOLLOWING**

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|  | COLUMN A |  |  COLUMN B | Answers |
| A | CELL | 1 | Allows electricity to pass through it |  |
| B | BATTERY | 2 | Either breaks or complete a circuit |  |
| C | CONDUCTOR | 3 | Converts electricity into light  |  |
| D | INSULATOR | 4 | Glows when electricity passes in it  |  |
| E | SWITCH | 5 | A device which produces electricity |  |
| F | BULB | 6 | Is a path of electricity |  |
| G | FILAMENT | 7 | Does not allow electricity to pass |  |
| H | CIRCUIT | 8 | A combination of cells |  |