

# Science Worksheet

## Electricity and Circuit Class VI

A. Fill in the blanks:

1. A Circuit has to be \_\_\_\_\_ for an electric current to flow.
2. \_\_\_\_\_ is used as an insulator.
3. An insulator or non-conductor does not allow \_\_\_\_\_ to pass through it.
4. A \_\_\_\_\_ is a safety device which prevents large amount of current from flowing into a device.
5. A Circuit is said to be \_\_\_\_\_ when there is a gap in the current flow.
6. In an Electric circuit, current flows from the \_\_\_\_\_ terminal to the \_\_\_\_\_ terminal.
7. Electric cell is a source of \_\_\_\_\_.
8. An electric cell has two terminals; one is called \_\_\_\_\_ while the other is \_\_\_\_\_.
9. An electric bulb has a \_\_\_\_\_ that is connected to its terminals.
10. An electric bulb \_\_\_\_\_ when electric current passes through it.
11. In a closed \_\_\_\_\_ the electric current passes from one terminal of the electric cell to the other terminal.
12. Switch is a \_\_\_\_\_ that is used to either break the electric circuit or to complete it.
13. Materials that allow electric current to pass through them are called \_\_\_\_\_.
14. Materials that do not allow electric current to pass through them are called \_\_\_\_\_.
15. A device that is used to break an electric circuit is called \_\_\_\_\_.

B. Give reasons:

1. We get electric shock on touching a bare electric wire.
2. Solar cells do not generate electricity when kept in dark.
3. Electricity is very useful in our daily life but can be very dangerous.
4. Switches are made up of insulators.