

Name: _____ Date: _____

Electricity and Circuits

Q1. What is a thin wire fixed in the middle of the glass bulb called?

Ans. _____

Q2. What is a filament in a light bulb?

Ans. _____

Q3. Write two examples of conductor and insulators.

Ans. _____

Q4. What is heating effect of current?

Ans. _____

Q5. Will the bulb glow in an open circuit? Why or why not?

Ans. _____

Q6. What is an electric bulb?

Ans. _____

Q7. What are the two terminals called in an electric cell?

Ans. _____

Electricity and Circuits

Q1. What is a thin wire fixed in the middle of the glass bulb called?

Ans. A thin wire fixed in the middle of the glass bulb is called a filament.

Q2. What is a filament in a light bulb?

Ans. The thin wire that gives off light is called the filament of the bulb.

Q3. Write two examples of conductor and insulators.

Ans. Conductor – Copper and Aluminium

Insulators – Plastic and Rubber

Q4. What is heating effect of current?

Ans. Heating caused due to conversion of electrical energy into heat energy is called heating effect of current.

Q5. Will the bulb glow in an open circuit? Why or why not?

Ans. Bulb does not glow in an open circuit because the bulb glows only when current flows through the circuit.

Q6. What is an electric bulb?

Ans. An electric bulb (or a light bulb) is a device that converts electrical energy into light energy.

Q7. What are the two terminals called in an electric cell?

Ans. All electric cells have two terminals; a positive terminal and a negative terminal.