

Electricity Level 3 Quiz – Answer Key

1) What is electricity?

Select one:

- a) Movement of sound waves
- b) **Flow of electric charge**
- c) Vibration of light
- d) Rotation of magnets

2) Which of these is a conductor?

Select one:

- a) Rubber
- b) Glass
- c) **Copper**
- d) Plastic

3) What does a switch do in a circuit?

Select one:

- a) Increases voltage
- b) **Stops or allows current to flow**
- c) Stores electricity
- d) Converts electricity to heat

4) In a series circuit, if one bulb goes out, what happens to the others?

Select one:

- a) They stay on
- b) **They also go out**
- c) They get brighter
- d) Nothing changes

5) In a parallel circuit, what happens if one branch is disconnected?

Select one:

- a) All other branches stop working
- b) **Other branches work as usual**
- c) Voltage doubles
- d) The circuit shorts out

6) What is resistance measured in?

Select one:

- a) Volts
- b) Amperes
- c) **Ohms**
- d) Watts



Name: _____

Period: _____

7) What is the unit for electric current?

Select one:

- a) **Ampere**
- b) Volt
- c) Watt
- d) Joule

8) Which of the following is NOT an example of an insulator?

Select one:

- a) Plastic
- b) Rubber
- c) **Metal**
- d) Wood

9) Opposite charges attract each other.

Select one:

- a) **True**
- b) False

10) Electricity always flows in a closed loop.

Select one:

- a) **True**
- b) False