

Electricity Level 1 Quiz

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

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