

## Electricity Level 3 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