Electricity Level 1 Quiz – Answer Key

1. What is electricity?

Select one:

1. Movement of sound waves
2. Flow of electric charge
3. Vibration of light
4. Rotation of magnets
5. Which of these is a conductor?

 Select one:

1. Rubber
2. Glass
3. Copper
4. Plastic
5. What does a switch do in a circuit?

 Select one:

1. Increases voltage
2. Stops or allows current to flow
3. Stores electricity
4. Converts electricity to heat
5. In a series circuit, if one bulb goes out, what happens to the others?

 Select one:

1. They stay on
2. They also go out
3. They get brighter
4. Nothing changes
5. In a parallel circuit, what happens if one branch is disconnected?

 Select one:

1. All other branches stop working
2. Other branches work as usual
3. Voltage doubles
4. The circuit shorts out
5. What is resistance measured in?

 Select one:

1. Volts
2. Amperes
3. Ohms
4. Watts
5. What is the unit for electric current?

 Select one:

1. Ampere
2. Volt
3. Watt
4. Joule
5. Which of the following is NOT an example of an insulator?

 Select one:

1. Plastic
2. Rubber
3. Metal
4. Wood
5. Opposite charges attract each other.

 Select one:

1. True
2. False
3. Electricity always flows in a closed loop.

 Select one:

1. True
2. False