

## Electricity Quiz: questions and answers



1. What is the flow of charges through a conductor called?

- Resistance
- Electric current
- Voltage

2. What is the mathematical form of Ohm's Law?

- $V=IR$
- $R=VI$
- $V=I/R$

3. What does the static charges produce?

- Electric field
- Resonance
- Magnetic field

4. Which of the following is same in series circuit?

- Resistance
- Current
- Voltage

5. What makes the electric motor work?

- Faraday's law
- Ohm's law

Newton's law

6. Conventional current flows due to \_\_\_\_\_

- Positive charges
- Electrons
- Neutrons

7. What is a current produced in a coil moving in a magnetic field called?

- Induced emf
- Induced potential
- Induced current

8. Electric heater produces heat due to \_\_\_\_\_

- Electric resistance
- Inductance
- Voltage

9. Who invented electric cell first?

- Michael Faraday
- Alessandro Volta
- Georg Simon Ohm

10. Electric power equals to the product of voltage and \_\_\_\_\_

- Resistance
- Current
- Time

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### Right answers

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Electric current
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 $V=IR$
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Electric field
4. Which of the following is same in series circuit?  
Current
5. What makes the electric motor work?  
Faraday's law
6. Conventional current flows due to \_\_\_\_\_  
Positive charges
7. What is a current produced in a coil moving in a magnetic field called?  
Induced current
8. Electric heater produces heat due to \_\_\_\_\_  
Electric resistance
9. Who invented electric cell first?  
Alessandro Volta
10. Electric power equals to the product of voltage and \_\_\_\_\_  
Current