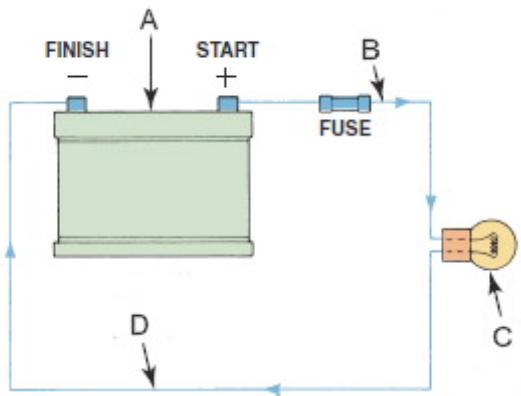


Name \_\_\_\_\_

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

- 1) It requires \_\_\_\_\_ volt(s) to push 1 ampere through 1 ohm of resistance. 1) \_\_\_\_\_  
A) 1  
B) 2  
C) 12  
D) None of these
- 2) An open circuit \_\_\_\_\_. 2) \_\_\_\_\_  
A) May be caused by high resistance  
B) May be caused by a blown fuse  
C) Both A and B  
D) Neither A nor B
- 3) An electrical protection device is usually a(an) \_\_\_\_\_. 3) \_\_\_\_\_  
A) Fuse  
B) Wire  
C) Electrical load device  
D) Switch
- 4) High resistance in an electrical circuit can cause \_\_\_\_\_. 4) \_\_\_\_\_  
A) Dim lights  
B) Slow motor operation  
C) Clicking of relays or solenoids  
D) Any of the above
- 5) Which component in this electrical circuit is considered the "load"? 5) \_\_\_\_\_



- A) A  
B) B  
C) C  
D) D

- 6) If an insulated wire rubbed through a part of the insulation and the wire conductor touched the steel body of a vehicle, the type of failure would be called a(an) \_\_\_\_\_. 6) \_\_\_\_\_
- A) Short-to-voltage
  - B) Short-to-ground
  - C) Open
  - D) Chassis ground
- 7) High resistance in a circuit \_\_\_\_\_. 7) \_\_\_\_\_
- A) Reduces current flow through the circuit
  - B) May cause a fuse to blow
  - C) Both A and B
  - D) Neither A nor B
- 8) Corrosion on electrical terminals may cause \_\_\_\_\_. 8) \_\_\_\_\_
- A) Lights to be dimmer than normal
  - B) Increased current flow in the circuit
  - C) Both A and B
  - D) Neither A nor B
- 9) If the voltage increases in a circuit, what happens to the current (amperes) if the resistance remains the same? 9) \_\_\_\_\_
- A) Increases
  - B) Decreases
  - C) Remains the same
  - D) Cannot be determined
- 10) A circuit with excessive current flow \_\_\_\_\_. 10) \_\_\_\_\_
- A) May create excess heat in conductors
  - B) May cause a fuse to blow
  - C) Both A and B
  - D) Neither A nor B

## Answer Key

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1) A

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2) B

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3) A

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4) D

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5) C

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6) B

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7) A

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8) A

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9) A

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10) C

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