

Name \_\_\_\_\_

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

- 1) A vehicle has some wiring covered with orange conduit. This indicates a \_\_\_\_\_ circuit. 1) \_\_\_\_\_
  - A) 42 volt
  - B) 12 to 16 volt
  - C) variable voltage
  - D) high voltage
  
- 2) Which of these is the recommended gauge wire for automotive speakers? 2) \_\_\_\_\_
  - A) 20 ga.
  - B) 0 ga.
  - C) 00 ga.
  - D) 10 ga.
  
- 3) Which metal is the best conductor of electricity? 3) \_\_\_\_\_
  - A) Silver
  - B) Copper
  - C) Brass
  - D) Gold
  
- 4) A 10 amp fuse is normally what color? 4) \_\_\_\_\_
  - A) Red
  - B) Blue
  - C) Yellow
  - D) Green
  
- 5) Technician A says that copper jumper cables are better than aluminum jumper cables. Technician B says that aluminum jumper cables are better than copper jumper cables. Which technician is correct? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 6) A PTC circuit protector prevents excessive current flow in a circuit by \_\_\_\_\_. 6) \_\_\_\_\_
  - A) changing to a very high resistance
  - B) burning open
  - C) opening a set of contacts
  - D) grounding the current
  
- 7) Most automotive circuits, except for some ignition components, use \_\_\_\_\_ wire. 7) \_\_\_\_\_
  - A) primary
  - B) secondary
  - C) alternative
  - D) none of these

8) The skin effect involves \_\_\_\_\_ current flowing around the outside of a circuit. 8) \_\_\_\_\_  
A) DC  
B) AC  
C) equal  
D) none of these

9) Solder that has been properly applied will have a \_\_\_\_\_ appearance. 9) \_\_\_\_\_  
A) dull brown  
B) white  
C) shiny  
D) spotted

10) Six volt systems require \_\_\_\_\_ wires than 12 volt systems. 10) \_\_\_\_\_  
A) larger  
B) smaller  
C) equal  
D) reduced

## Answer Key

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1) D

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2) A

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3) A

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4) A

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5) A

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6) A

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7) A

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8) B

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9) C

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10) A

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