

Name _____

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

- 1) Many ground straps are uninsulated and braided because _____. 1) _____
A) They are more flexible to allow movement of the engine without breaking the wire
B) They are less expensive than conventional wire
C) They help dampen radio-frequency interference (RFI)
D) Both A and C
- 2) A vintage six-volt vehicle system requires _____ wires than 12-volt systems. 2) _____
A) Larger
B) Smaller
C) Equal
D) None of these
- 3) Stranded copper wire is used in most automotive electrical circuits because it _____. 3) _____
A) Bends more easily than solid wire
B) Is an inexpensive but excellent conductor
C) Both A and B
D) Neither A nor B
- 4) Which statement is true about wire, terminals, and connectors? 4) _____
A) Wire is called a lead, and the metal end is a connector.
B) A connector is usually a plastic piece where the terminals lock in.
C) A lead and a terminal are the same thing.
D) Both A and C
- 5) A technician is performing a wire repair on a circuit under the hood of a vehicle. Technician A says to use solder and adhesive-lined heat shrink tubing or a crimp-and-seal connector. Technician B says to solder and use electrical tape. Which technician is correct? 5) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 6) A wiring terminal is usually made of metal. 6) _____
A) True
B) False
- 7) A MEGA fuse is usually rated at no more than 50 amps. 7) _____
A) True
B) False

- 8) Which of these wires is most likely used for starter motor high current circuits? 8) _____
- A) 0 ga.
 - B) 14 ga.
 - C) 18 ga.
 - D) 20 ga.
- 9) The type of solder that should be used for electrical work is _____. 9) _____
- A) Rosin core
 - B) Acid core
 - C) 60/40 with no flux
 - D) 50/50 with acid paste flux
- 10) Two technicians are discussing fuse testing. Technician A says that a test light should light on both test points of the fuse if it is okay. Technician B says that the fuse is defective if a test light only lights on one side of the fuse. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

Answer Key

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1) D

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2) A

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3) C

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4) B

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5) A

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6) A

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7) B

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8) A

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9) A

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10) C

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