

Name \_\_\_\_\_

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

- 1) Technician A says that fuel tank accident and rollover protection devices include check valves and inertia switches. Technician B says that most fuel lines are made of ABS plastic. Which technician is correct? 1) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 2) What prevents the fuel pump inside the fuel tank from catching the gasoline on fire? 2) \_\_\_\_\_
  - A) Electricity is not used to power the pump
  - B) No air is around the motor brushes
  - C) Gasoline is hard to ignite in a closed area
  - D) All of the above
  
- 3) Fuel lines are constructed from \_\_\_\_\_. 3) \_\_\_\_\_
  - A) seamless steel tubing
  - B) nylon plastic
  - C) copper and/or aluminum tubing
  - D) Both A and B
  
- 4) The amperage draw of an electric fuel pump is lower than specified. What is the most likely cause? 4) \_\_\_\_\_
  - A) Corroded electrical connectons at the pump motor
  - B) Clogged fuel filter
  - C) Restriction in the fuel line
  - D) Stuck fuel pump impeller blades
  
- 5) A fuel pump is being replaced for the third time. Technician A says that the gasoline could be contaminated. Technician B says that wiring to the pump could be corroded. Which technician is correct? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 6) Technician A says that fuel filters are located in the fuel supply line. Technician B says that fuel filters are located in the fuel return line. Which technician is correct? 6) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

- 7) The electric fuel pump is usually mounted in which of these locations? 7) \_\_\_\_\_
- A) Trunk near the spare tire
  - B) Fuel Tank
  - C) In front of the starter motor
  - D) Just above the right rear tire well
- 8) A good fuel pump should supply how much fuel per minute? 8) \_\_\_\_\_
- A) 1/4 pint
  - B) 1/2 pint
  - C) 1 pint
  - D) 0.5 to 0.8 gallons
- 9) Fuel pump pressure is too low after engine start-up. Which of these could be the cause? 9) \_\_\_\_\_
- A) Restricted fuel return line
  - B) Plugged fuel filter
  - C) Excessive system voltage
  - D) Defective fuel pump relay
- 10) The amperage draw of an electric fuel pump is higher than specified. All of the following are possible causes EXCEPT \_\_\_\_\_. 10) \_\_\_\_\_
- A) corroded electrical connections at the pump motor
  - B) clogged fuel filter
  - C) restriction in the fuel line
  - D) defective fuel pump

## Answer Key

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1) A

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2) B

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3) D

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4) C

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5) B

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6) A

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7) B

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8) D

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9) B

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10) A

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