

Name _____

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

- 1) The amperage draw of an electric fuel pump is lower than specified. What is the most likely cause? 1) _____
 - A) Corroded electrical connectons at the pump motor
 - B) Clogged fuel filter
 - C) Restriction in the fuel line
 - D) Stuck fuel pump impeller blades

- 2) If it is tripped, which type of safety device will keep the electric fuel pump from operating? 2) _____
 - A) Rollover valve
 - B) Inertia switch
 - C) Antisiphoning valve
 - D) Check valve

- 3) Fuel pump pressure is too low after engine start-up. Which of these could be the cause? 3) _____
 - A) Restricted fuel return line
 - B) Plugged fuel filter
 - C) Excessive system voltage
 - D) Defective fuel pump rely

- 4) What prevents the fuel pump inside the fuel tank from catching the gasoline on fire? 4) _____
 - 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

- 5) Technician A says that a pressure check valve should hold system pressure for at least five minutes after the pump is shut off. Technician B says that a defective check valve could cause long cranking time. Which technician is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 6) The amperage draw of an electric fuel pump is higher that specified. All of the following are possible causes EXCEPT _____. 6) _____
 - A) corroded electrical connections at the pump motor
 - B) clogged fuel filter
 - C) restriction in the fuel line
 - D) defective fuel pump

- 7) Technician A says that a fuel tank is either constructed of steel with brass plating for corrosion resistance or of polyethylene plastic. Technician B says that some fuel tank filler tubes contain an anti-siphoning device. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 8) Most fuel filters are designed to remove particles larger than _____. 8) _____
- A) 1 micron
 - B) 10 to 20 microns
 - C) 70 microns
 - D) 100 microns
- 9) The first fuel filter in the sock inside the fuel tank normally filters particles larger than _____. 9) _____
- A) 0.001 to 0.003 inches
 - B) 0.010 to 0.030 inches
 - C) 10 to 20 microns
 - D) 70 to 100 microns
- 10) How long does the electric fuel pump run if the ignition is turned on but the engine is not started? 10) _____
- A) A few seconds
 - B) Until the ignition is turned off
 - C) 5-10 minutes depending on vehicle
 - D) Five hundred milliseconds

Answer Key

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1) C

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2) B

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3) B

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4) B

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5) C

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6) A

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7) B

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8) B

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9) D

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10) A

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