

Name _____

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

- 1) A fuel filter has been accidentally installed backwards. What is the most likely result? 1) _____
 - A) Nothing will be noticed
 - B) Reduced fuel economy
 - C) Lower power at higher engine speeds and loads
 - D) Fuel system pulsations may be heard

- 2) On a General Motors vehicle, how long will the fuel pump run if the ignition is turned on but the engine is not started? 2) _____
 - A) About two seconds
 - B) Until the ignition is turned off
 - C) Between 10 and 20 minutes, depending on the vehicle
 - D) 500 ms

- 3) 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? 3) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

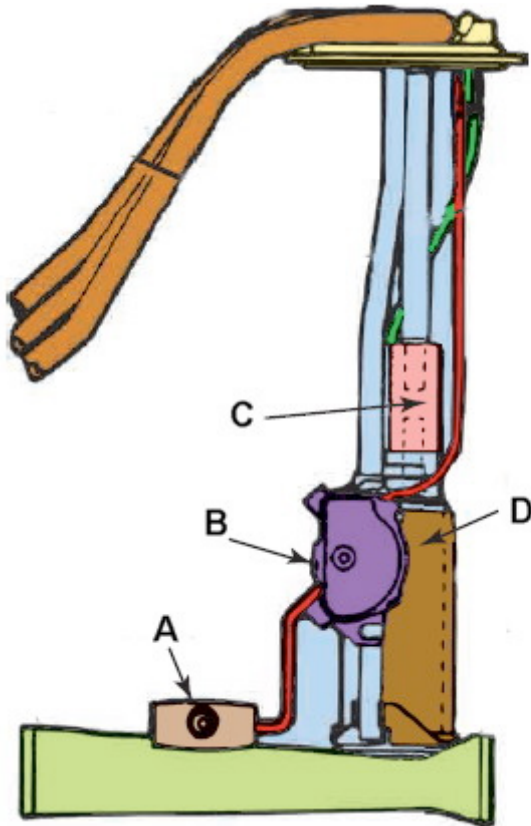
- 4) All of the following statements are correct EXCEPT _____. 4) _____
 - A) A defective check valve is the only reason fuel pressure might drop after the pump is shut off
 - B) Stuck fuel injectors might cause a drop in fuel pressure after the pump is shut off
 - C) A defective pressure regulator might cause a drop in fuel pressure after the pump is shut off
 - D) All of the statements are correct

- 5) When the vacuum line is removed from the pressure regulator (engine running) what will the effect be on the fuel pressure? 5) _____
 - A) The fuel pressure will increase
 - B) The fuel pressure will decrease
 - C) Vapors will form in the fuel line
 - D) None of these

- 6) Fuel lines are constructed from _____. 6) _____
 - A) Seamless steel tubing
 - B) Nylon plastic
 - C) Copper and/or aluminum tubing
 - D) Both A and B are used

7) Which of these is the fuel pump?

7) _____



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

8) 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?

8) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

9) Technician A says that fuel tanks on 1993 and later vehicles use a check ball to prevent siphoning gasoline through the filler neck. Technician B says that methanol is considered a poison. Which technician is correct?

9) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

10) Which is NOT a commonly used type of fuel pump design?

- A) Gerotor
- B) Pulsating
- C) Rotor cell
- D) Turbine

10) _____

Answer Key

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- 1) C
Page Ref: 412
- 2) A
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- 3) C
Page Ref: 407, 414
- 4) A
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- 5) A
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- 6) D
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- 7) D
Page Ref: 402
- 8) C
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- 9) C
Page Ref: 401
- 10) B
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