

Name _____

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

- 1) If the throttle plate needs to be cleaned, what symptoms will be present regarding the operation of the engine? 1) _____
 - A) Stalls
 - B) Rough idle
 - C) Hesitation on acceleration
 - D) Any of these

- 2) Port fuel-injection systems generally use what type of injector driver? 2) _____
 - A) Peak and hold
 - B) Saturated switch
 - C) Pulse-width modulated
 - D) Pulsed

- 3) During a fuel injector pressure drop test, the difference between any two fuel injectors should not exceed? 3) _____
 - A) 1.5 PSI
 - B) 15 PSI
 - C) 0.4 PSI
 - D) 14.7 PSI

- 4) The fuel pressure drops rapidly when the engine is turned off. Technician A says that one or more injectors could be leaking. Technician B says that a defective check valve in the fuel pump could be the cause. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) In a typical port fuel injection system, which injectors are most subject to becoming restricted? 5) _____
 - A) Any of them equally
 - B) The injectors at the end of the rail on a returnless system
 - C) The injectors at the bends in the rail
 - D) Either B or C

- 6) Which term describes the electrical current flow in the opposite direction when an injector coil is energized? 6) _____
 - A) Inductive reactance
 - B) Magnetic induction
 - C) Electromagnetic force
 - D) Voltage drop

- 7) Throttle-body fuel-injection systems use what type of injector driver? 7) _____
- A) Peak and hold
 - B) Saturated switch
 - C) Pulse-width modulated
 - D) Pulsed
- 8) The vacuum hose from the fuel-pressure regulator was removed from the regulator and gasoline dripped out of the hose. Technician A says that this is normal and that everything is okay. Technician B says that one or more of the injectors may be defective, causing the fuel to get into the hose. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 9) On a vehicle with a mass airflow injection system, which of the following is likely to occur with a vacuum leak at idle? 9) _____
- A) Lean fuel mixture
 - B) Rich fuel mixture
 - C) No fuel mixture change
 - D) None of these
- 10) Which of the following could be the cause of poor engine performance in cold weather? 10) _____
- A) Low fuel pressure
 - B) Insufficient fuel volume
 - C) Contaminated fuel
 - D) All of these are correct

Answer Key

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1) D

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2) B

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3) A

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4) C

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5) D

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6) A

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7) A

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8) D

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9) A

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10) D

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