

Name _____

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

- 1) What could be the problem if a noid light remains on (does not flash) with the engine cranking? 1) _____
 - A) Short to ground in the injector ground circuit, or defective PCM
 - B) Blown injector fuse
 - C) Low system voltage
 - D) High injector resistance

- 2) During a fuel injector pressure drop test, the difference between any two fuel injectors should not exceed? 2) _____
 - A) 1.5 PSI
 - B) 15 PSI
 - C) 0.4 PSI
 - D) 14.7 PSI

- 3) Throttle-body fuel-injection systems use what type of injector driver? 3) _____
 - A) Peak and hold
 - B) Saturated switch
 - C) Pulse-width modulated
 - D) Pulsed

- 4) What should be done if the fuel pressure regulator will NOT hold vacuum? 4) _____
 - A) Replacement
 - B) Cleaning
 - C) Nothing; this is normal
 - D) Adjustment

- 5) Fuel injectors can be tested using _____. 5) _____
 - A) An ohmmeter
 - B) A stethoscope
 - C) An oscilloscope
 - D) Any of these

- 6) Port fuel-injection systems generally use what type of injector driver? 6) _____
 - A) Peak and hold
 - B) Saturated switch
 - C) Pulse-width modulated
 - D) Pulsed

- 7) On a vehicle with a speed density fuel injection system, which of the following is likely to occur with a vacuum leak? 7) _____
 - A) Increased idle speed
 - B) Increased MAP sensor voltage
 - C) Increased calculated load
 - D) All of these are correct

- 8) Fuel injection service is being discussed. Technician A says that the throttle plate(s) should be cleaned. Technician B says that the fuel rail should be cleaned. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 9) Which of the following could be the cause of poor engine performance in cold weather? 9) _____
- A) Low fuel pressure
 - B) Insufficient fuel volume
 - C) Contaminated fuel
 - D) All of these are correct
- 10) Technician A says that if fuel pump pressure is correct, fuel pump volume will be correct as well. Technician B says that a fuel pump may produce specified pressure but less than specified volume. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

Answer Key

Testname: ENGINEPERF5_30B

- 1) A
Page Ref: 460
- 2) A
Page Ref: 463
- 3) A
Page Ref: 461, 465
- 4) A
Page Ref: 455
- 5) D
Page Ref: 457, 464
- 6) B
Page Ref: 461
- 7) D
Page Ref: 457
- 8) C
Page Ref: 468-469
- 9) D
Page Ref: 470
- 10) B
Page Ref: 467