

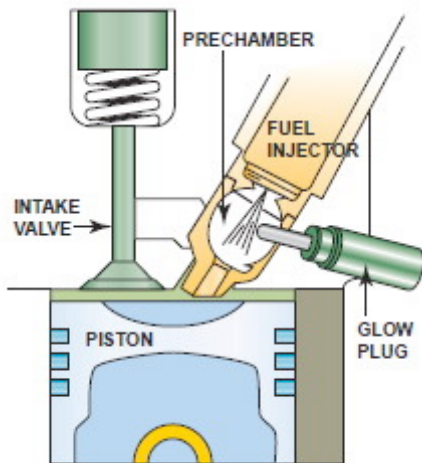
Name \_\_\_\_\_

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

- 1) Technician A says that diesel engines use heavy duty components because of the lower compression. Technician B says that diesel and gasoline powered vehicles use the same fuel tank and fuel pump. Which technician is correct? 1) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

- 2) Routine maintenance of a diesel engine includes \_\_\_\_\_. 2) \_\_\_\_\_
- A) Draining water from the fuel water separator
  - B) Replacement of glow plugs
  - C) Both A and B
  - D) Neither A nor B

- 3) This diesel engine is the \_\_\_\_\_ type. 3) \_\_\_\_\_



- A) Direct injected
- B) Indirect injected
- C) Heat injected
- D) Low compression

- 4) Glow plugs should have high resistance when \_\_\_\_\_ and lower resistance when \_\_\_\_\_. 4) \_\_\_\_\_
- A) Cold, warm
  - B) Warm, cold
  - C) Wet, dry
  - D) Dry, wet

- 5) Which type of diesel injection produces less noise? 5) \_\_\_\_\_  
A) Indirect injection (IDI)  
B) Common rail  
C) Direct injection  
D) Distributor injection
- 6) The specific gravity of diesel fuel should be measured whenever a driveability concern is present. 6) \_\_\_\_\_  
A) True  
B) False
- 7) The specific gravity of diesel fuel is measured in what units? 7) \_\_\_\_\_  
A) Hydrometer units  
B) API gravity  
C) Grade number  
D) Cetane number
- 8) The fuel pressure in a common rail diesel injection system can be as high as \_\_\_\_\_. 8) \_\_\_\_\_  
A) 600 PSI  
B) 60 PSI  
C) 20,000 PSI  
D) 56 PSI
- 9) The most common diesel exhaust emission test used in local testing programs is \_\_\_\_\_. 9) \_\_\_\_\_  
A) The opacity test  
B) The exhaust temperature test  
C) The paper test  
D) A "Check Engine" light test
- 10) What fuel system component is used in a vehicle equipped with a diesel engine that is not usually used on the same vehicle when it is equipped with a gasoline engine? 10) \_\_\_\_\_  
A) Fuel filter  
B) Fuel supply line  
C) Fuel return line  
D) Water-fuel separator

## Answer Key

Testname: ENGINE PERF5\_4B

1) D

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2) A

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3) B

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4) B

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5) A

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6) A

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7) B

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8) C

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9) A

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10) D

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