

Name _____

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

- 1) The high-pressure fuel pump is _____. 1) _____
 - A) Driven by the camshaft and requires timing
 - B) Mounted at the front of the intake valley
 - C) A two-cylinder design
 - D) All of the above

- 2) Technician A says that the EGR valve position sensor is a PCM input. Technician B says that the EGR valve position sensor is a PCM output, used to move the EGR valve. Which technician is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 3) Ford recommends the use of the block heater at what outside temperature? 3) _____
 - A) Below -9°F
 - B) Above 32°F
 - C) 32°F or more
 - D) 32°F or lower

- 4) After replacing the primary fuel filter, how should air be purged from the system? 4) _____
 - A) By repeatedly turning on the ignition key for 30 seconds at a time
 - B) By the use of the hand-operated priming pump
 - C) Crank the engine until it starts
 - D) Any of these procedures will purge air from the filter

- 5) What will happen when the water level in the DFCM reaches the electrodes of the water-in-fuel sensor? 5) _____
 - A) The engine will shut off
 - B) A warning light will come on
 - C) The water will automatically be purged
 - D) None of these will occur

- 6) The diesel exhaust fluid (DEF) warning symbol will come ON with _____ remaining drive distance. 6) _____
 - A) 100 miles
 - B) 500 miles
 - C) 10 miles
 - D) 50 miles

- 7) A Ford diesel truck information message says "Exhaust Fluid Empty". Technician A says that the engine _____ may enter an "idle only" state. Technician B says that vehicle speed may be limited to 50 mph. Which technician is correct?
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 8) The timing system of the 6.7 Power Stroke diesel engine consists of which of the following? 8) _____
- A) Two timing chains
 - B) One timing chain
 - C) One timing chain and two gears
 - D) Three gears
- 9) A Ford diesel has the DEF warning symbol ON and the engine will only idle. What must be done to correct this situation? 9) _____
- A) Add water to the DEF tank until the DEF light goes out
 - B) Add at least a half a gallon of DEF to the DEF tank
 - C) Switch the engine OFF and disconnect the battery to clear the DEF warning light
 - D) Any of these would correct the problem
- 10) Ford recommends that the fuel filters be replaced at what interval? 10) _____
- A) Whenever the dash light indicates it is time to replace them
 - B) Every 22,500 miles (36,000 km) or every third oil change
 - C) Every 50,000 miles (80,000km)
 - D) No recommended interval

Answer Key

Testname: LVDE1_22A

1) D

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2) A

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3) A

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4) A

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5) B

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6) B

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7) C

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8) D

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9) B

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10) B

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