

Name _____

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

- 1) When will the boost pressure monitor turn ON the MIL? 1) _____
 - A) At the first indication of a fault
 - B) After one warm-up cycle
 - C) On the second consecutive drive cycle with a fault present
 - D) Only after a long coast-down cycle

- 2) The EGR monitors are designed to measure the flow of exhaust gases through the intake manifold. The monitors will fail if _____. 2) _____
 - A) The exhaust gas flow is above specifications
 - B) The exhaust gas flow is below specification
 - C) The exhaust gases are too hot
 - D) All of the above

- 3) An exhaust gas temperature sensor failure is a result of an open circuit and the MIL is illuminated. This failure is an example of _____. 3) _____
 - A) A once-per-trip monitor
 - B) A comprehensive component monitor
 - C) A continuous monitor
 - D) Both B and C

- 4) _____ monitors run once per vehicle drive cycle, if the enabling requirements are met. 4) _____
 - A) Continuous
 - B) Non-continuous
 - C) Comprehensive component
 - D) Any of the above

- 5) How does the misfire monitor determine if a cylinder is not firing? 5) _____
 - A) Measures the duration of the cam with the cam sensor
 - B) Compares the acceleration of each firing event using the the crank sensor
 - C) Watches for uneven glow plug temperatures
 - D) Uses the MAP sensor to evaluate intake manifold pressure pulses

- 6) The cooling system monitor checks for which of these? 6) _____
 - A) Air conditioning cooling efficiency
 - B) Freeze protection level of the engine coolant
 - C) The time it takes for the glow plugs to turn off
 - D) The time it takes for the engine to reach a specified temperature

- 7) A particulate filter restriction has been detected. The dash (instrument panel) will illuminate _____ in addition to the MIL. 7) _____
 - A) A "wrench" symbol
 - B) A flashing blue light
 - C) All the instrument lighting
 - D) A "DUST OUT" warning lamp

- 8) The operation of the NMHC catalyst is monitored using _____ sensors. 8) _____
- A) Oxygen
 - B) Pressure
 - C) Temperature
 - D) Altitude
- 9) The misfire monitor is being discussed. Technician A says that the monitor will not run if there is a stored code for the crankshaft sensor. Technician B says that a stored code for the crankshaft sensor will cause the monitor to run on the third drive cycle. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 10) The _____ monitor tests input sensors when the key is turned ON. 10) _____
- A) Component
 - B) Sensor
 - C) Misfire
 - D) Average

Answer Key

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1) C

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2) D

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3) D

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4) B

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5) B

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6) D

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7) A

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8) C

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9) A

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10) A

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