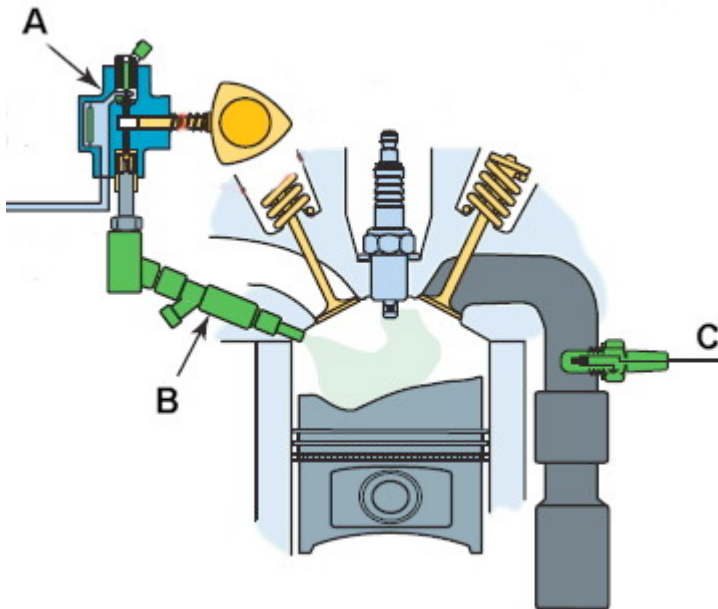


Name _____

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

- 1) The use of an electronic throttle control (ETC) system allows the elimination of all of these EXCEPT _____. 1) _____
A) Mechanical throttle cable (most systems)
B) Accelerator pedal
C) Cruise control actuator
D) Idle air control
- 2) Where is the fuel-pressure regulator located on a return-type fuel-injection system? 2) _____
A) At the outlet of the fuel rail
B) At the inlet of the fuel rail
C) In the tank
D) Near or on the fuel filter
- 3) What moves the throttle plate on an engine equipped with an electronic throttle control (ETC) system? 3) _____
A) A solenoid
B) An electric plunger
C) An electric motor
D) A cable from the accelerator pedal
- 4) In this GDI system, which is the high pressure fuel pump? 4) _____



- A) B
B) C
C) A
D) None of these

- 5) Technician A says that fuel pressure regulators are often located on the return side of the fuel rail. Technician B says that the fuel pressure regulator is located in the fuel tank on vehicles using returnless systems. Which technician is correct? 5) _____
- A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B
- 6) What type of device is used in a typical idle air control unit? 6) _____
- A) Pulsator-type actuator
 - B) Stepper motor
 - C) DC motor
 - D) Solenoid
- 7) Where is the fuel injected in an engine equipped with gasoline direct injection? 7) _____
- A) In the exhaust port
 - B) Above the intake port
 - C) Into the intake manifold near the intake valve
 - D) Directly into the combustion chamber
- 8) Technician A says that the fuel pump relay is usually controlled by the PCM. Technician B says that a TBI injector squirts fuel above the throttle plate. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B
- 9) Where is the fuel squirted in an engine equipped with gasoline direct injection (GDI) fuel injection? 9) _____
- A) Above the throttle plate
 - B) Into the intake manifold
 - C) Under the throttle plate
 - D) Into the cylinder
- 10) What sensor is used to determine the position of the accelerator pedal on a system that uses an electronic throttle control (ETC) system? 10) _____
- A) TP sensor
 - B) MAF sensor
 - C) APP sensor
 - D) MAP sensor

Answer Key

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1) B

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2) A

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3) C

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4) C

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5) C

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6) B

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7) D

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8) C

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9) D

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10) C

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