

Name \_\_\_\_\_

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

- 1) Which type of port fuel-injection system uses a fuel temperature and/or fuel-pressure sensor? 1) \_\_\_\_\_
  - A) All port fuel-injected engines
  - B) TBI units only
  - C) Electronic returnless systems
  - D) Demand delivery systems
  
- 2) The fuel injector in a central port fuel injection system is called a(n) \_\_\_\_\_. 2) \_\_\_\_\_
  - A) injector element
  - B) poppet nozzle
  - C) linear tip
  - D) injector tube
  
- 3) Which one of these sensors is NOT used to determine injector pulse width during open-loop mode? 3) \_\_\_\_\_
  - A) ECT sensor
  - B) TP sensor
  - C) MAF sensor
  - D) Oxygen sensor
  
- 4) Which type of port fuel injection fires each injector separately, following the engine firing order? 4) \_\_\_\_\_
  - A) Sequential fired
  - B) Ganged double fire
  - C) Simultaneous double fired
  - D) Throttle body injection
  
- 5) Technician A says that vacuum-operated fuel pressure regulators maintain an equal pressure drop across the fuel injectors all the time. Technician B says that intake manifold pressure is high at idle. Which technician is correct? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 6) Which sensor has the greatest influence on injector pulse width besides the MAF sensor? 6) \_\_\_\_\_
  - A) IAT
  - B) BARO
  - C) ECT
  - D) TP

- 7) Which term describes the PCM shutting off fuel injection when the accelerator is pressed all the way down? 7) \_\_\_\_\_
- A) Clear flood mode
  - B) Starting mode
  - C) Open loop mode
  - D) Closed loop mode
- 8) Which sensor is used to calculate the amount of fuel required using the speed density method? 8) \_\_\_\_\_
- A) MAP sensor
  - B) TP sensor
  - C) ECT and IAT sensors
  - D) All of these are used.
- 9) What type of device is used in a typical idle air control? 9) \_\_\_\_\_
- A) DC motor
  - B) Stepper motor
  - C) Pulsator-type actuator
  - D) Solenoid
- 10) Which type of port fuel injection allows mixture adjustments between the firing of each cylinder? 10) \_\_\_\_\_
- A) Sequential
  - B) Ganged
  - C) Simultaneous
  - D) Throttle body

## Answer Key

Testname: AT6\_80B

1) C

Page Ref: 939

2) B

Page Ref: 942

3) A

Page Ref: 943

4) A

Page Ref: 938

5) A

Page Ref: 938

6) D

Page Ref: 936

7) A

Page Ref: 943

8) D

Page Ref: 935

9) B

Page Ref: 944

10) A

Page Ref: 938