

Name \_\_\_\_\_

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

- 1) During a fuel pressure test the technician notices that the system does not hold pressure for more than 10 minutes with the engine off. What could be the cause? 1) \_\_\_\_\_  
A) A leaking throttle plate  
B) A loose MAF hose  
C) The fuel filter installed backwards  
D) A bad fuel pressure regulator
- 2) Throttle-body fuel-injection systems use what type of injector driver? 2) \_\_\_\_\_  
A) Peak and hold  
B) Saturated switch  
C) Pulse-width modulated  
D) Pulsed
- 3) The following statements are all correct EXCEPT \_\_\_\_\_. 3) \_\_\_\_\_  
A) Relearning the PCM should never be attempted  
B) On engines operating very poorly, the PCM should be relearned after fuel system cleaning  
C) Fuel systems that have never been cleaned may have developed wax deposits as well as carbon  
D) The fuel rail and pressure regulator should be cleaned as well as fuel injectors
- 4) During a fuel injector pressure drop test, the difference between any two fuel injectors should not exceed? 4) \_\_\_\_\_  
A) 1.5 PSI  
B) 15 PSI  
C) 0.4 PSI  
D) 14.7 PSI
- 5) Technician A says that all the fuel injectors on an engine should have the same electrical resistance. Technician B says that the difference between any two injectors should be less than 2 ohms. Which technician is correct? 5) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 6) An injection cleaning machine is being discussed. Technician A says that the applied pressure should be between 75-90 PSI before starting the engine. Technician B says to pressure clean the fuel system using a 2:1 mixture of solvent to gasoline. Which technician is correct? 6) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

- 7) Most port fuel-injected engines operate on how much fuel pressure? 7) \_\_\_\_\_  
A) 3 to 5 PSI (21 to 35 kPa)  
B) 9 to 13 PSI (62 to 90 kPa)  
C) 35 to 45 PSI (240 to 310 kPa)  
D) 55 to 65 PSI (380 to 450 kPa)
- 8) Technician A always uses a special service tool to pulse fuel injectors. Technician B says that the injector for each cylinder should only be flow tested four times without starting the engine. 8) \_\_\_\_\_  
Which technician is correct?  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 9) Technician A says that if fuel pump pressure is correct, fuel pump volume will be correct as well. Technician B says that a fuel pump may produce specified pressure but below specified volume. 9) \_\_\_\_\_  
Which technician is correct?  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 10) Which of the following values for IAC count would indicate a vacuum leak on a speed density system? 10) \_\_\_\_\_  
A) 5 or less  
B) 15  
C) 25  
D) 30 or more

## Answer Key

Testname: AEEP8\_40B

1) D

Page Ref: 576

2) A

Page Ref: 581

3) A

Page Ref: 585

4) A

Page Ref: 579

5) A

Page Ref: 579

6) A

Page Ref: 584

7) C

Page Ref: 573

8) A

Page Ref: 580

9) B

Page Ref: 583

10) A

Page Ref: 575