

Name _____

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

- 1) A tire has a recommended pressure of 32 PSI. The TPMS should light the lamp when the pressure in this tire reaches _____. 1) _____
 - A) 27 PSI
 - B) 30 PSI
 - C) 24 PSI
 - D) 26 PSI

- 2) Technician A says that the tire pressure can be 5 PSI below specification but not turn on the TPMS warning lamp. Technician B says that vehicles with TPMS do not need to have the tire pressure checked monthly. Who is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B

- 3) The two basic types of direct TPMS sensors include _____. 3) _____
 - A) Rubber stem and aluminum stem
 - B) Beru and Schrader
 - C) Stem mounted and banded
 - D) Indirect and direct

- 4) Two technicians are discussing tire pressure and temperature. Technician A says that tire pressure will drop 1 PSI for every 10 degrees drop in temperature. Technician B says that the tire pressure will increase as the vehicle is being driven. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B

- 5) A vehicle with TPMS has the tire pressure warning light on steady. The owner says that all 4 tires have the correct pressure. Technician A says that the spare tire pressure could be low. Technician B says that a sensor may be bad. Who is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B

- 6) Which tire inflation information should be checked to determine the proper tire inflation pressure? 6) _____
 - A) Cold placard inflation pressure
 - B) The maximum pressure as stated on the sidewall of the tire
 - C) 32 PSI in all tires
 - D) Any of the above

- 7) A tire with lower than specified inflation pressure could lead to what condition? 7) _____
A) Reduced fuel economy
B) Reduced tire life
C) Increased chances of roadside faults or accidents
D) All of the above
- 8) To activate or learn a direct pressure sensor, what does the service technician need to do? 8) _____
A) Enter learn mode and use a magnet
B) Enter learn mode and decrease inflation pressure
C) Use a handheld tester
D) Any of the above, depending on the vehicle and system
- 9) What does the "delta pressure method" mean? 9) _____
A) Change the inflation pressure
B) Activate the sensor so it broadcasts the pressure to the scan tool
C) Inflating the tire to the specified pressure
D) Using a handheld tester to read the pressure as reported by the sensor
- 10) What type of valve core is used in stem-mounted sensors? 10) _____
A) Brass
B) Nickel plated
C) Steel
D) Aluminum

Answer Key

Testname: AAEE_22B

1) C

Page Ref: 328

2) A

Page Ref: 328

3) C

Page Ref: 330

4) C

Page Ref: 326

5) A

Page Ref: 331

6) A

Page Ref: 326

7) D

Page Ref: 326

8) D

Page Ref: 333

9) A

Page Ref: 333

10) B

Page Ref: 334