

Name _____

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

- 1) A tire with lower than specified inflation pressure could lead to what condition? 1) _____
 - A) Reduced fuel economy
 - B) Reduced tire life
 - C) Increased chances of roadside faults or accidents
 - D) All of the above

- 2) Two technicians are discussing the indirect tire-pressure monitoring system. Technician A says that it was used by some vehicle manufacturers on vehicles before the 2008 model year. Technician B says that it uses the speeds of the RF and LR tires and compares the rotating speeds of the LF and RR tires to detect a low tire. Which technician is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B

- 3) What mode does a direct pressure sensor enter when the vehicle is stopped? 3) _____
 - A) Sleep mode
 - B) Storage mode
 - C) Alert mode
 - D) Active mode

- 4) To activate or learn a direct pressure sensor, what does the service technician need to do? 4) _____
 - 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

- 5) The two basic types of direct TPMS sensors include _____. 5) _____
 - A) Rubber stem and aluminum stem
 - B) Beru and Schrader
 - C) Stem mounted and banded
 - D) Indirect and direct

- 6) What does the "delta pressure method" mean? 6) _____
 - 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

- 7) On a General Motors vehicle, sensor programming starts with which wheel? 7) _____
 - A) Left front
 - B) Right front
 - C) Right rear
 - D) Left rear

- 8) 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? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B
- 9) Which tire inflation information should be checked to determine the proper tire inflation pressure? 9) _____
- 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
- 10) When rotating tires on a vehicle equipped with TPMS Technician A says that the sensors will be automatically relearned after driving a few miles. Technician B says that the sensor positions should be relearned, using a scan tool, before returning the vehicle to the customer. Who is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both Technicians A and B
 - D) Neither Technician A nor B

Answer Key

Testname: AAEE_22A

1) D

Page Ref: 326

2) C

Page Ref: 327

3) A

Page Ref: 330

4) D

Page Ref: 333

5) C

Page Ref: 330

6) A

Page Ref: 333

7) A

Page Ref: 333

8) A

Page Ref: 331

9) A

Page Ref: 326

10) B

Page Ref: 330