

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) A vehicle with TPMS has a flashing TPMS warning lamp. This means _____. 2) _____
 - A) the vehicle has a flat tire
 - B) the TPMS has detected a fault with a sensor
 - C) Either A or B
 - D) Neither A nor B

- 3) A valve core torque wrench is needed to service TPMS tire valves. 3) _____
 - A) True
 - B) False

- 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) What is the purpose of the TPMS system? 5) _____
 - A) To detect a tire that has low inflation pressure
 - B) To inflate a low tire if needed
 - C) To flash a warning light if a tire with low inflation pressure is detected
 - D) All of the above

- 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) 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? 7) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 8) A tire with lower than specified inflation pressure could lead to what condition? 8) _____
- A) Reduced fuel economy
 - B) Reduced tire life
 - C) Increased chances of roadside faults or accidents
 - D) All of the above
- 9) What mode does a direct pressure sensor enter when the vehicle is stopped? 9) _____
- A) Sleep mode
 - B) Storage mode
 - C) Alert mode
 - D) Active mode
- 10) Two technicians are discussing the indirect tire-pressure monitoring system. Technician A says that it was used by some vehicle manufacturers. 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? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician