

Name _____

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

- 1) Which tire inflation information should be checked to determine the proper tire inflation pressure?
 - 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

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

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

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

- 5) The FMVSS 138 law (TREAD Act) requires that the driver be notified if the tire inflation pressure drops how much?
 - A) 30%
 - B) 25%
 - C) 20%
 - D) 15%

- 6) Which of these vehicles will automatically relearn sensor location after a tire rotation?
 - A) Buick
 - B) BMW
 - C) Dodge
 - D) Ford

- 7) What does the "delta pressure method" mean?
 - A) Changing the inflation pressure
 - B) Activating 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

- 8) 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?
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 9) Technician A says that a tire pressure monitor system that uses a valve–stem–type transmitter is the direct reading type of TPMS. Technician B says that a tire pressure monitoring system that uses a sensor inside and strapped to the wheel with a band is an indirect reading type of TPMS. Which technician is correct?
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 10) The tire pressure sensor sends a signal to the _____.
- A) door module
 - B) RKE receiver
 - C) BCM
 - D) Any of these, depending on the vehicle

Answer Key

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1) A

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2) A

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3) D

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4) A

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5) B

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6) C

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7) A

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8) C

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9) A

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10) D

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