

Name _____

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

- 1) Technician A says that tire pressure will drop 1 PSI for every 10 degrees drop in temperature. Technician B says that the two types of TPMS pressure sensors are snap-in and clamp-in. Which technician is correct? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 2) 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? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 3) 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? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 4) 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? 4) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 5) All vehicles sold in the United States must have a tire pressure monitoring system, starting with model year _____. 5) _____
A) 2004
B) 2006
C) 2008
D) 2010

6) Which one of these valve stems is designed to be used with a TPMS sensor?

6) _____



- A) A
- B) B
- C) Either A or B
- D) Not enough information

7) When a TPMS sensor needs replacement, which of the following is NOT an option?

7) _____

- A) Replace with an OE sensor
- B) Replace with a programmable aftermarket sensor
- C) Replace the sensor battery and program it to the vehicle
- D) Replace with a multiple protocol sensor

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

8) _____

- 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

9) A tire has a recommended pressure of 32 PSI. The TPMS should light the lamp when the pressure in this tire reaches _____.

9) _____

- A) 27 PSI
- B) 30 PSI
- C) 24 PSI
- D) 26 PSI

10) A vehicle with TPMS has a flashing TPMS warning lamp. This means _____.

10) _____

- 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

Answer Key

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- 1) C
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- 2) A
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- 3) C
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- 4) A
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- 5) C
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- 6) A
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- 7) C
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- 8) A
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- 9) C
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- 10) B
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