

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

## Answer Key

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1) C

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2) B

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3) A

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4) D

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5) A

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6) A

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7) A

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8) D

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9) A

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10) C

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