

Name \_\_\_\_\_

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

- 1) The recommended type of wheel weight to use on aluminum (alloy) wheels is \_\_\_\_\_. 1) \_\_\_\_\_
  - A) lead with plated spring steel clips
  - B) coated (painted) or stick-on lead weights
  - C) lead weights with longer than normal clips
  - D) aluminum weights
  
- 2) When seating a bead of a tire, never exceed \_\_\_\_\_ psi. 2) \_\_\_\_\_
  - A) 30
  - B) 40
  - C) 50
  - D) 60
  
- 3) A vehicle vibrates at highway speed. Technician A says that water in the tire(s) could be the cause. Technician B says that an out-of-round tire could be the cause. 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) Technician A uses silicone lubricant to seat the bead of a tire. Technician B uses motor oil to seat the bead of a tire. Which technician is correct? 4) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
  
- 5) Compressed nitrogen is sometimes used for tire inflation because it holds less moisture than compressed air. 5) \_\_\_\_\_
  - A) True
  - B) False
  
- 6) Proper tire inflation pressure information is found \_\_\_\_\_. 6) \_\_\_\_\_
  - A) on the driver's door or post
  - B) in the owner's manual
  - C) on the sidewall of the tire
  - D) Both A and B

- 7) Technician A says that a vibration above 45 MPH indicates a possible out-of-balance tire. Technician B says that a vibration above 45 MPH can only be diagnosed if engine load is considered. Which technician is correct? 7) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
- 8) Anytime a set of aluminum wheels is installed, the lug nuts should be re-torqued after how many miles? 8) \_\_\_\_\_
- A) 25
  - B) 50
  - C) 75
  - D) 100
- 9) Tire replacement involves all of the following EXCEPT \_\_\_\_\_. 9) \_\_\_\_\_
- A) remove air from the tire
  - B) remove the TPMS sensor from the wheel
  - C) remove the tire from the rim (wheel)
  - D) install the tire on the rim (wheel)
- 10) A tire is worn excessively on both edges. The most likely cause of this type of tire wear is \_\_\_\_\_. 10) \_\_\_\_\_
- A) overinflation
  - B) underinflation
  - C) excessive radial runout
  - D) excessive axial runout

## Answer Key

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1) B

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2) B

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3) C

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4) D

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5) A

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6) D

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7) A

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8) A

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9) B

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10) B

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