

Name \_\_\_\_\_

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

- 1) Radial tires can cause a vehicle to pull to one side while driving. This is called "radial tire pull" and is often due to \_\_\_\_\_. 1) \_\_\_\_\_
  - A) the angle of the body (carcass) plies
  - B) tire conicity
  - C) tread design
  - D) bead design
  
- 2) What do the letters JJ mean in a wheel designation size labeled 14×7JJ? 2) \_\_\_\_\_
  - A) The offset of the rim
  - B) The bolt circle code
  - C) The back spacing of the rim
  - D) The shape of the flange area
  
- 3) Technician A says that grooves in the tire tread are necessary for excellent dry traction. Technician B says that grooves in the tire tread are necessary for wet traction, to prevent hydroplaning. Which technician is correct? 3) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 4) All radial tires are belted. 4) \_\_\_\_\_
  - A) True
  - B) False
  
- 5) When purchasing replacement tires, do not change tire width from the stock size by more than \_\_\_\_\_. 5) \_\_\_\_\_
  - A) 10 mm
  - B) 15 mm
  - C) 20 mm
  - D) 25 mm
  
- 6) Tire quality grading system includes \_\_\_\_\_. 6) \_\_\_\_\_
  - A) tread wear
  - B) braking traction performance
  - C) temperature resistance
  - D) all of the above

- 7) Technician A says to always purchase replacement tires with the same or greater speed rating as when the vehicle was new. Technician B says to install the same type of tire (example: m+s) on all wheels. Which technician is correct? 7) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 8) Technician A says that the load index marked on the tire indicates the maximum load the vehicle can carry. Technician B says that the load index marked on the tire indicates the maximum load each tire is designed to carry. Which technician is correct? 8) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 9) A tire is labeled 215/60R × 15 92T; the 92 indicates \_\_\_\_\_. 9) \_\_\_\_\_
- A) speed rating
  - B) tread wear rating
  - C) load rating
  - D) temperature resistance rating
- 10) Technician A says that a damaged bead can be repaired. Technician B says that tires with damaged beads must be replaced. 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) B

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2) D

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3) B

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4) A

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5) A

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6) D

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7) C

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8) B

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9) C

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10) B

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