

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