

Name _____

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

- 1) 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?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 2) What is the proper instrument for measuring runout?
 - A) Dial indicator
 - B) Vernier caliper
 - C) Inside micrometer
 - D) Outside micrometer

- 3) Which statement is FALSE?
 - A) Excessive radial runout can cause a tramp-type vibration.
 - B) Excessive lateral runout can cause a tramp-type vibration.
 - C) A tire out of balance dynamically can cause a shimmy-type vibration.
 - D) A tire out of balance statically can cause a tramp-type vibration.

- 4) 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?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 5) Technician A says that the recommended method of tire rotation is side to side. Technician B says that the recommended method of tire rotation is the modified X method. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 6) If a vibration is felt in the steering wheel above 45 mph, the problem is usually out-of-balance rear tires.
 - A) True
 - B) False

- 7) To save time, technician A uses an impact socket on an impact wrench to tighten lug nuts. Technician B tightens lug nuts in a criss-cross pattern with a torque wrench. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 8) Proper tire inflation pressure information is found _____.
- 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
- 9) A tire is worn excessively on both edges. The most likely cause of this type of tire wear is _____.
- A) overinflation
 - B) underinflation
 - C) excessive radial runout
 - D) excessive axial runout
- 10) Compressed nitrogen is sometimes used for tire inflation because it holds less moisture than compressed air.
- A) True
 - B) False

Answer Key

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1) D

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2) A

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3) B

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4) A

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5) B

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6) B

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7) B

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8) D

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9) B

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10) A

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