

Name _____

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

- 1) Wheel bearings are being packed with grease. Technician A says to use grease that is labeled "GC." Technician B says to use grease with an NLGI number of 2. Which technician is correct? 1) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 2) What part(s) should be replaced when servicing a wheel bearing on a non-drive wheel? 2) _____
 - A) The bearing cup
 - B) The grease seal
 - C) The cotter key
 - D) Both the grease seal and the cotter key

- 3) Which type of drive axle would a heavy-duty truck tractor have? 3) _____
 - A) Full-floating
 - B) Semi-floating
 - C) Three-quarter floating
 - D) Any of these

- 4) Many front wheel drive vehicles use a(n) _____ wheel bearing. 4) _____
 - A) flat roller
 - B) sealed, non-adjustable
 - C) adjustable, double row ball-type
 - D) single tapered roller

- 5) Which type of automotive bearing can withstand radial and thrust loads, yet must be adjusted for proper clearance? 5) _____
 - A) Roller bearing
 - B) Tapered roller bearing
 - C) Ball bearings
 - D) Needle roller bearing

- 6) Two technicians are discussing differentials. Technician A says that all differentials are vented. Technician B says that a clogged vent can cause the rear axle seal to leak. Which technician is correct? 6) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 7) After a non-drive-wheel bearing has been properly adjusted, the wheel should have how much end play? 7) _____
A) Zero
B) 0.001 to 0.005 in.
C) 0.10 to 0.30 in.
D) 1/16 to 3/32 in.
- 8) Bearings usually give warning before they fail. 8) _____
A) True
B) False
- 9) A new bearing can be installed in an old bearing race if the old race is OK. 9) _____
A) True
B) False
- 10) Which is NOT a bearing problem? 10) _____
A) Stripping
B) Spalling
C) Smearing
D) Fretting

Answer Key

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1) C

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2) D

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3) A

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4) B

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5) B

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6) C

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7) B

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8) A

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9) A

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10) A

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