

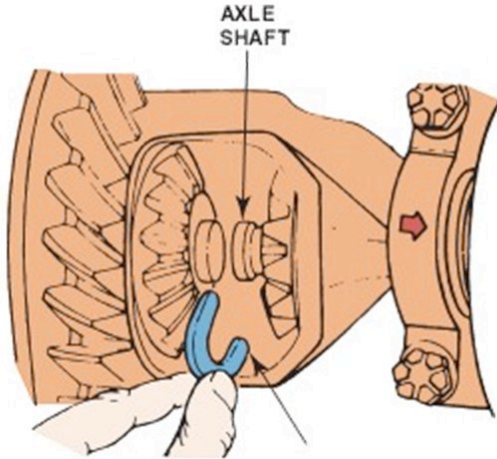
Name \_\_\_\_\_

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

- 1) Most sealed bearings used on the front wheels of front-wheel-drive vehicles are usually which type? 1) \_\_\_\_\_
  - A) Roller bearing
  - B) Single tapered roller bearing
  - C) Double row ball bearing
  - D) Needle roller bearing
  
- 2) After a non-drive-wheel bearing has been properly adjusted, the wheel should have how much end play? 2) \_\_\_\_\_
  - A) Zero
  - B) 0.001 to 0.005 in.
  - C) 0.10 to 0.30 in.
  - D) 1/16 to 3/32 in.
  
- 3) Oil contamination of drum brake linings on a solid rear axle may be caused by a \_\_\_\_\_. 3) \_\_\_\_\_
  - A) leaking axle seal
  - B) plugged axle vent
  - C) either A or B
  - D) neither A nor B
  
- 4) On a bearing that has been shock loaded, the race (cup) of the bearing can be dented. This type of bearing failure is called \_\_\_\_\_. 4) \_\_\_\_\_
  - A) spalling
  - B) arcing
  - C) brinelling
  - D) fluting
  
- 5) Technician A says that a poor engine ground connection can cause electricity to flow through wheel bearings, causing damage. Technician B says that overloading may result in premature bearing failure. Which technician is correct? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 6) Many front wheel drive vehicles use a(n) \_\_\_\_\_ wheel bearing. 6) \_\_\_\_\_
  - A) flat roller
  - B) sealed, non-adjustable
  - C) adjustable, double row ball-type
  - D) single tapered roller
  
- 7) Bearings cannot be diagnosed by turning the wheel and tire assembly by hand. 7) \_\_\_\_\_
  - A) True
  - B) False

8) What is the function of the part the technician is holding (arrow)?

8) \_\_\_\_\_



- A) This clip retains the side gears.
- B) This component retains the axle in the side gear.
- C) It is used only for factory assembly and can be discarded.
- D) None of these

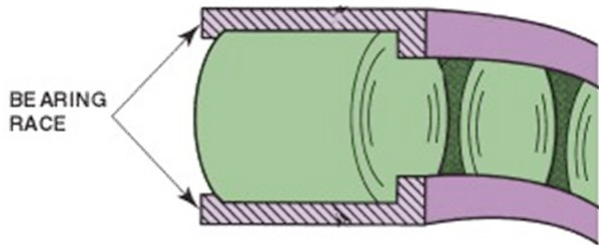
9) Which is NOT a bearing problem?

9) \_\_\_\_\_

- A) Stripping
- B) Spalling
- C) Smearing
- D) Fretting

10) What type of bearing is shown below?

10) \_\_\_\_\_



- A) Barrel bearing
- B) Ball bearing
- C) Roller bearing
- D) Flat section bearing

## Answer Key

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1) C

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2) B

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3) C

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4) C

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5) C

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6) B

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7) B

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8) B

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9) A

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10) C

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