

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

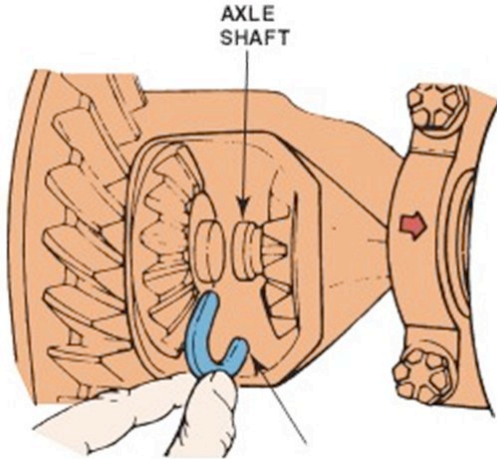
- 5) Technician A says that a poor engine ground connection can cause electricity to flow through wheel bearings, causing damage. Technician B says that overloading may result in premature bearing failure. Which technician is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both 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

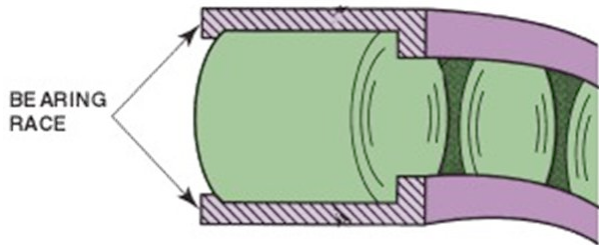
9) Which is NOT a bearing problem?

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