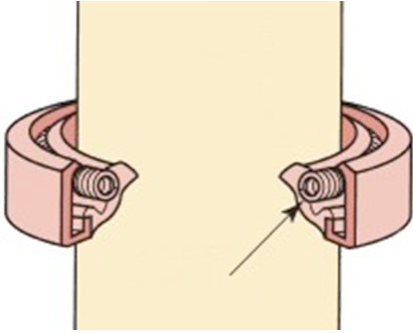


Name \_\_\_\_\_

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

1) What feature of an axle seal is the arrow pointing to?



- A) Garter spring
- B) A return spring
- C) Sealing lip
- D) Axle spring

2) When wheel bearings are adjusted with a dial indicator, allow .005" to .010" (.127 to .25 mm) of end play.

- A) True
- B) False

3) The differential cover must be removed before removing the rear axle on which type of axle?

- A) Retainer plate
- B) C-lock
- C) Press fit
- D) Welded tube

4) Two technicians are discussing wheel bearings. Technician A says that conventional tapered roller bearings as used on the front of most rear-wheel-drive vehicles should be slightly loose when adjusted properly. Technician B says that the spindle nut should not be tightened more than finger tight as the final step. 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) 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?

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

- 6) On a bearing that has been shock loaded, the race (cup) of the bearing can be dented. This type of bearing failure is called \_\_\_\_\_.
- A) spalling
  - B) arcing
  - C) brinelling
  - D) fluting
- 7) Which type of sealed bearings are mostly used on the front wheels of front-wheel-drive vehicles?
- A) Roller bearing
  - B) Single tapered roller bearing
  - C) Double row ball bearing
  - D) Needle roller bearing
- 8) Many front wheel drive vehicles use a(n) \_\_\_\_\_ wheel bearing.
- A) flat roller
  - B) sealed, non-adjustable
  - C) adjustable, double row ball-type
  - D) single tapered roller
- 9) Which type of drive axle would a heavy-duty truck tractor have?
- A) Full-floating
  - B) Semi-floating
  - C) Three-quarter floating
  - D) Any of these
- 10) Oil contamination of drum brake linings on a solid rear axle may be caused by a \_\_\_\_\_.
- A) leaking axle seal
  - B) plugged axle vent
  - C) Either A or B
  - D) Neither A nor B

## Answer Key

Testname: ASSA8\_16A

1) A

Page Ref: 284

2) B

Page Ref: 288

3) B

Page Ref: 291

4) C

Page Ref: 288

5) C

Page Ref: 292

6) C

Page Ref: 294

7) C

Page Ref: 281

8) B

Page Ref: 282

9) A

Page Ref: 290

10) C

Page Ref: 292