Automotive Steering, Suspension, and Alignment, 8th Edition Quiz 19B

Name\_\_\_\_\_

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

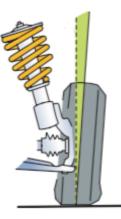
- 1) If the turning radius (toe out on turns, or TOOT) is out of specification, what part or component is defective?
  - A) The strut is bent.
  - B) The steering arm is bent.
  - C) The spindle is bent.
  - D) The control arm is bent.

2) When performing a four-wheel alignment, \_\_\_\_\_\_ is / are the first adjustment(s) to be made.

- A) rear camber and toe
- B) rear caster and toe
- C) SAI and included angle
- D) front wheel toe

## 3) Which statement(s) is/are TRUE about included angle?

- A) It is calculated by adding camber and SAI.
- B) It is only measured on the front suspension.
- C) Both A and B
- D) Neither A nor B
- 4) What alignment angle is shown in this drawing?



A) Positive camber

- B) Positive caster
- C) Positive toe
- D) Negative camber

5) Which alignment angle is MOST likely to cause tire wear?

- A) Toe
- B) Camber
- C) Caster
- D) SAI

6) Many manufacturers specify some degree of \_\_\_\_\_ toe.

- A) positive
- B) negative
- C) zero
- D) None of these

7) If the top of the steering axis is tilted 2 degrees toward the rear of the vehicle, this is called \_\_\_\_\_\_.

- A) positive camber
- B) negative camber
- C) negative caster
- D) positive caster

8) Included angle is \_\_\_\_\_.

- A) SAI + caster
- B) camber + caster
- C) camber + SAI
- D) toe + camber

9) A vehicle will pull to the side with the least positive caster.

- A) True
- B) False

10) A vehicle will pull to the side with the most (positive) toe.

- A) True
- B) False

Answer Key Testname: ASSA8\_19B

> 1) B Page Ref: 336 2) A Page Ref: 338 3) C Page Ref: 334 4) A Page Ref: 325 5) A Page Ref: 330 6) A Page Ref: 331 7) D Page Ref: 328 8) C Page Ref: 334 9) A Page Ref: 329 10) B Page Ref: 331