

Name \_\_\_\_\_

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

- 1) A loud "bang" is heard and felt every time the accelerator is depressed or released on a rear-wheel drive vehicle. Technician A says that a leaking shock absorber could be the cause. Technician B says that worn torque arm bushings could be the cause. Which technician is correct?
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
  
- 2) Panhard rods are installed \_\_\_\_\_.
  - A) parallel to the centerline of the chassis
  - B) parallel to the rear axle
  - C) to support the weight of the vehicle
  - D) None of these
  
- 3) When axle windup is controlled by the rear leaf spring during acceleration, the suspension type is called a \_\_\_\_\_.
  - A) trailing arm
  - B) semi-trailing arm
  - C) torque arm
  - D) Hotchkiss drive
  
- 4) Technician A says that leaf springs are mounted lengthwise on the rear of many vehicles. Technician B says that some vehicles use transversely mounted leaf springs on the rear. 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) Technician A says that suspension diagnosis and service should begin with a comprehensive test drive. Technician B says that shocks or struts should be replaced in axle pairs. 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) Two technicians are discussing rear shock absorbers. Technician A says that if one shock is leaking, then both rear shock absorbers should be replaced. Technician B says that the rear axle should be supported before removing the rear shock absorbers. Which technician is correct?
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B

- 7) Technician A says that a leaf spring suspension requires control arms to brace and position the rear axle. Technician B says that leaf springs help locate the axle under the vehicle. Which technician is correct?
- A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
- 8) Most light-duty trucks use a solid rear axle that is attached to \_\_\_\_\_ with U-bolts.
- A) struts
  - B) coil springs
  - C) torsion bars
  - D) leaf springs
- 9) Technician A says that solid rear axles are used only in rear-wheel drive vehicles. Technician B says that solid rear axles are used in both front-wheel drive and rear-wheel drive vehicles. Which technician is correct?
- A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
- 10) A semi-trailing arm rear suspension uses \_\_\_\_\_.
- A) coil springs
  - B) air springs
  - C) struts
  - D) Any of the above

## Answer Key

Testname: ASSA8\_9B

1) B

Page Ref: 174

2) B

Page Ref: 174

3) D

Page Ref: 173

4) C

Page Ref: 173, 176

5) C

Page Ref: 176-177

6) C

Page Ref: 177

7) B

Page Ref: 173

8) D

Page Ref: 173

9) B

Page Ref: 172

10) D

Page Ref: 175