

Name \_\_\_\_\_

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

- 1) During a visual inspection of the rear suspension, the service technician should check for \_\_\_\_\_ 1) \_\_\_\_\_  
\_\_\_\_\_.
- A) witness marks
  - B) cracked rubber bushings
  - C) damaged bump stops
  - D) all of the above
- 2) Technician A says that a torque arm runs perpendicular the the driveshaft. Technician B says that a torque arm runs parallel to the driveshaft. Which technician is correct? 2) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 3) A "witness mark" is a \_\_\_\_\_. 3) \_\_\_\_\_
- A) type of fastener
  - B) type of tool
  - C) mark where two parts have rubbed or touched
  - D) type of identification mark
- 4) Technician A says that a semi-independent rear suspension is used with live rear axles. Technician B says that the semi-independent rear suspension is used only with non-drive rear axles. Which technician is correct? 4) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 5) Which of the following reduce tire adhesion (traction)? 5) \_\_\_\_\_
- A) Unsprung weight
  - B) Wheel tramp
  - C) Shimmy
  - D) All of these reduce tire adhesion
- 6) 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? 6) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

- 7) The left front of the vehicle is higher than the right front and the right rear is lower than the left rear. What is the most likely cause of this problem? 7) \_\_\_\_\_
- A) A weak right rear shock absorber
  - B) A broken track rod
  - C) A broken left front shock absorber
  - D) A sagging right rear spring
- 8) Technician A says that many unit body suspensions use struts on the rear. Technician B says that most full frame vehicles use struts on the rear. Which technician is correct? 8) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 9) Technician A says that SLA suspensions reduce tire scrub. Technician B says that solid rear axles are used with independent rear suspensions. Which technician is correct? 9) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 10) 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? 10) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician