

Name _____

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

- 1) Technician A says that trailing arms include any arm where the supported member trails the arm. Technician B says that trailing arms may also be called control arms on some 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

- 2) Technician A says that as axle shafts rotate in one direction to drive the wheels, the axle housing attempts to rotate in the opposite direction. Technician B says this is called torque steer. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 3) 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?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 4) 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?
 - 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 vehicles with independent rear suspensions provide better handling than those with solid rear axles. Technician B says that vehicles with independent rear suspensions generally have less unsprung weight. 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) 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

- 7) 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
- 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) 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
- 10) 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

Answer Key

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1) C

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2) A

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3) B

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4) A

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5) C

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6) B

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7) D

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8) D

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9) B

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10) C

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