

Name _____

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

- 1) A semi-trailing arm rear suspension uses _____. 1) _____
 - A) coil springs
 - B) air springs
 - C) struts
 - D) Any of the above

- 2) A strut-type suspension is used _____. 2) _____
 - A) in the front only
 - B) in the rear only
 - C) in both the front and rear
 - D) in rare vehicles no longer in production

- 3) 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? 3) _____
 - 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

- 4) Technician A says that trailing arms run perpendicular to the center line of the chassis. Technician B says that trailing arms run parallel to the center line of the chassis. Which technician is correct? 4) _____
 - 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 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? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 6) Which of the following reduce tire adhesion (traction)? 6) _____
 - A) Unsprung weight
 - B) Wheel tramp
 - C) Shimmy
 - D) All of these reduce tire adhesion.

- 7) 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? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 8) A track rod is also called a _____. 8) _____
- A) Panhard rod
 - B) control rod
 - C) handling link
 - D) semi-independent rod
- 9) A "witness mark" is a _____. 9) _____
- A) type of fastener
 - B) type of tool
 - C) mark where two parts have rubbed or touched
 - D) type of identification mark
- 10) During a visual inspection of the rear suspension, the service technician should check for _____. 10) _____
- A) witness marks
 - B) cracked rubber bushings
 - C) damaged bump stops
 - D) All of the above

Answer Key

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1) D

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2) C

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3) D

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4) B

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5) C

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6) D

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7) B

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8) A

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9) C

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10) D

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