

Name _____

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

- 1) Technician A says that front shock replacement on most vehicles requires a special spring compressor. Technician B says that front shock absorbers can be replaced with the weight of the vehicle on the wheels. 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 a MacPherson strut typically does not include the spring as part of the strut assembly. Technician B says that a modified strut typically does not include the spring as part of the strut assembly. 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) A vehicle is equipped with an SLA front suspension. What do the letters mean?
 - A) Single long arm
 - B) Side-lateral angle
 - C) Short-long arm
 - D) Solid link assembly

- 4) The preferred method to separate tapered chassis parts is to use a _____.
 - A) pickle fork
 - B) torch to heat the joint until it separates
 - C) puller tool or two hammers to shock and separate the taper
 - D) drill to drill out the tapered part

- 5) A dry park test can be useful to diagnose which of the following?
 - A) Front wheel bearing failure
 - B) Control arm bushing wear
 - C) Ball joint movement
 - D) All of these are correct.

- 6) Which tool is most often used to measure suspension component free play?
 - A) Dial indicator
 - B) Vernier caliper
 - C) Micrometer
 - D) Telescoping gauges

- 7) Where is the most common location for the coil spring on an SLA front suspension?
- A) Lower control arm
 - B) Upper control arm
 - C) Radius arm
 - D) Stabilizer bar
- 8) Defective ball joints can cause all of the following problems EXCEPT _____.
- A) loud popping or squeaking when driving over bumps
 - B) shimmy-type vibration felt in the steering wheel
 - C) vehicle wander on a straight road
 - D) All of these can be caused by defective ball joints.
- 9) Technician A says that a road test should never be performed before service, for safety reasons. Technician B says that the purpose of any diagnosis is to eliminate known good components. 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 suspension bushings. Technician A says that replacing control arm bushings usually requires special tools. Technician B says using high-performance urethane bushings may cause excessive noise to be transferred to the passenger compartment. 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) B

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2) B

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3) C

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4) C

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5) D

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6) A

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7) A

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8) D

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9) B

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10) C

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