

Name _____

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

- 1) A center bolt is used in what type of spring? 1) _____
A) Coil
B) Leaf
C) Torsion bar
D) All of the above
- 2) What term describes the weight of the vehicle with all fluids filled but no passengers or cargo? 2) _____
A) Curb weight
B) GVW
C) Model weight
D) Rated weight
- 3) Technician A says that vehicles with less unsprung weight have better handling. Technician B says that the wheel and tire assembly are considered sprung weight. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 4) A _____ is a structural part of the vehicle. 4) _____
A) coil spring
B) shock absorber
C) bump stop
D) MacPherson strut
- 5) What component(s) is(are) considered to be unsprung weight? 5) _____
A) Frame
B) Body
C) Wheels and tires
D) Both A and B
- 6) Technician A says that most modern vehicles have independent front suspensions. Technician B says that no vehicle has an independent rear suspension. Which technician is correct? 6) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 7) What term describes the basic shape and size of a vehicle? 7) _____
A) Platform
B) Wheelbase
C) Track
D) Profile

8) Technician A says that each coil spring is specifically engineered to be installed on one particular side of the vehicle. Technician B says that rubber spring pockets prevent excessive noise. Which technician is correct? 8) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

9) Technician A says that a constant rate spring has the same deflection rate throughout its entire range of compression. Technician B says that some coil springs have different diameters at the top and bottom of the spring. Which technician is correct? 9) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

10) What provides the strength of the structure for unit body vehicles? 10) _____

- A) Shape of the assembly
- B) Full frame
- C) Cross members
- D) Space frame

Answer Key

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1) B

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2) A

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3) A

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4) D

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5) C

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6) A

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7) A

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8) C

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9) C

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10) A

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