

Name _____

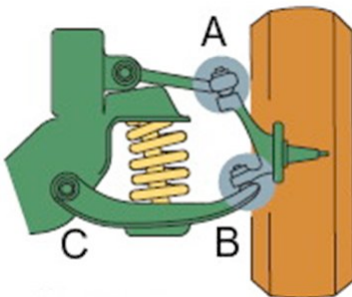
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) What frame design combines the body with the structure of the frame? 1) _____
A) Unit body
B) Ladder frame
C) Perimeter frame
D) Full frame

2) 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? 2) _____
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 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 A and B
D) Neither technician A nor B

4) In this illustration, which ball joint is the load carrying ball joint? 4) _____



- A) A
- B) B
- C) C
- D) None of these

5) Which component is used on FWD vehicles to support the engine and transmission? 5) _____
A) Cradle
B) Perimeter frame
C) Ladder frame
D) Body mount

- 6) All suspension systems use _____ of one form or another. 6) _____
A) beam axles
B) control arms
C) springs
D) pivot shafts
- 7) Most trucks and larger RWD vehicles use which type of frame? 7) _____
A) Full frame
B) Stub frame
C) Unit body
D) None of these are correct.
- 8) Which of the following is NOT a type of automotive spring? 8) _____
A) Leaf spring
B) Coil spring
C) Torsion bar
D) Nylon spring
- 9) What component(s) is(are) considered to be unsprung weight? 9) _____
A) Frame
B) Body
C) Wheels and tires
D) Both A and B
- 10) What is the purpose of bump stops? 10) _____
A) To raise the vehicle body
B) Assist in steering
C) Smooth out road shocks
D) Isolate the suspension from the frame of the vehicle

Answer Key

Testname: CHASSIS8_25B

- 1) A
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- 2) C
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- 3) A
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- 4) B
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- 5) A
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- 6) C
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- 7) A
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- 8) D
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- 9) C
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- 10) D
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