

Name: _____

Date: _____

1. In a MacPherson strut suspension system, does the entire strut assembly rotate when the front wheels are turned?

- A. Yes, in most applications
- B. No, it remains stationary
- C. Only in certain types of vehicles
- D. It depends on the design of the strut

2. What is the platform of a vehicle?

- A. The suspension layout
- B. The basic size and shape of the vehicle
- C. The type of frame used
- D. The engine placement

3. What does GVW stand for?

- A. Ground Vehicle Weight
- B. Gross Vehicle Width
- C. Gross Vehicle Weight
- D. General Vehicle Workload

4. What is the purpose of the spring pocket in a suspension system?

- A. To store extra springs
- B. To hold the spring in place
- C. To adjust the spring rate
- D. To lubricate the spring

5. What is a strut rod's function in a vehicle?

- A. To provide vertical support to the suspension
- B. To connect the wheel to the suspension
- C. To provide forward/backward support to the control arms
- D. To adjust the height of the suspension

6. What is the function of shock absorbers in a suspension system?

- A. To absorb and dampen shock impulses
- B. To support the vehicle's weight
- C. To maintain tire contact with the road
- D. Both A and C

7. What is the purpose of a kingpin in a suspension system?

- A. To provide a pivot point for steering
- B. To connect the control arms
- C. To support the vehicle's weight
- D. To absorb shock

8. What is the role of lateral links in a suspension system?

- A. To control side-to-side movement
- B. To support the vehicle's weight
- C. To absorb shock
- D. To provide a mounting point for the springs

9. What is the purpose of rebound clips in a leaf spring system?

- A. To prevent the leaves from separating
- B. To adjust the spring rate
- C. To provide additional support to the vehicle
- D. To dampen the rebound of the spring

10. What is the function of the cradle in a vehicle's suspension system?

- A. To hold the engine in place
- B. To support the transmission
- C. To connect the suspension components
- D. To provide a mounting point for the control arms

Automotive Technology 7th Edition

Chapter 111

Multiple Choice Quiz B

Answer Key

1. A

2. B

3. C

4. B

5. C

6. D

7. A

8. A

9. A

10. C