

Name: _____

Date: _____

1. What is the most likely cause of the Red Brake Warning Lamp (RBWL) being on?
 - A. ABS malfunction
 - B. Low brake fluid due to worn-out brake pads or a leaking brake line
 - C. Faulty brake light switch
 - D. Inoperative brake pedal

2. What should be checked first if the brake fluid level is low?
 - A. The brake pads for wear
 - B. The brake fluid reservoir for cracks
 - C. The brake lines for proper routing
 - D. The hydraulic brake system for leaks

3. What does a proportioning valve do?
 - A. Controls the flow of brake fluid to the front brakes
 - B. Limits hydraulic pressure to the rear brakes
 - C. Balances the brake fluid between left and right brakes
 - D. Regulates the brake fluid temperature

4. What is the function of a pressure-differential switch in a vehicle?
 - A. To indicate the correct tire pressure
 - B. To balance the brake fluid pressure between the front and rear brakes
 - C. To signal a difference in pressure between two brake circuits
 - D. To adjust the suspension level according to the vehicle load

5. What happens if the vent port in the master cylinder is blocked?
 - A. The brakes may self-apply when the brake fluid heats up
 - B. The brake pedal will become unusually hard to press
 - C. The brake lights will stay on continuously
 - D. The ABS system will be deactivated

6. What is the result of a vehicle having negative scrub radius geometry in the front suspension?
 - A. Increased fuel efficiency
 - B. Reduced traction on the rear wheels
 - C. Elimination of handling problems in the event of a brake circuit failure
 - D. Enhanced acceleration capabilities

7. What is indicated by no movement of fluid in the reservoir in the primary piston when the brake pedal is depressed?
 - A. The brake lines are clogged
 - B. The brake fluid is contaminated
 - C. The primary piston seal cup may be blocking the vent port
 - D. The brake pads are worn out

8. What is the purpose of the brake fluid level sensor in the master cylinder reservoir?
- A. To maintain the correct level of brake fluid
 - B. To alert the driver to a low brake fluid level
 - C. To measure the brake fluid pressure
 - D. To control the brake fluid flow to the ABS system
9. What is a typical symptom of hydraulic failure in the rear section of the brake system?
- A. The brake pedal feels spongy
 - B. The vehicle pulls to one side during braking
 - C. The primary piston does not build pressure to operate the secondary piston
 - D. The brake lights fail to illuminate
- 10 What is the effect of air in the brake lines?
- A. Increased stopping distance
 - B. Vibration in the brake pedal during stops
 - C. Low spongy brake pedal
 - D. High-pitched squealing noise

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Chapter 95

Multiple Choice Quiz A

Answer Key

1. B

2. D

3. B

4. C

5. A

6. C

7. C

8. B

9. C

10. C