

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is the primary purpose of FMVSS 135 for brake systems?
  - A. To ensure safe braking performance under normal and emergency conditions
  - B. To regulate the color of brake fluid
  - C. To standardize the size of brake pads
  - D. To mandate the use of ABS in all vehicles
  
2. When was FMVSS 135 first mandated for passenger vehicles?
  - A. September 1, 1998
  - B. September 1, 2000
  - C. September 1, 2002
  - D. September 1, 2004
  
3. What is the GVWR limit for vehicles under FMVSS 135?
  - A. 7,716 pounds (3,500 kg)
  - B. 8,500 pounds (3,856 kg)
  - C. 10,000 pounds (4,536 kg)
  - D. 12,000 pounds (5,443 kg)
  
4. What does the ABS warning lamp indicate when it flashes several times during engine start?
  - A. A successful self-test
  - B. A hydraulic fault
  - C. A need for brake fluid replacement
  - D. The activation of the parking brake
  
5. What is the significance of GM RPO codes starting with the letter "J"?
  - A. They specify the paint color of the vehicle
  - B. They denote the engine type
  - C. They indicate the type or rating of the brake system
  - D. They are related to the vehicle's suspension system
  
6. What is the purpose of the hot performance test for brake systems?
  - A. To check the effectiveness of the brakes in cold conditions
  - B. To verify the color of the brake fluid under temperature
  - C. To ensure the brake system does not fade after high-speed stops at GVWR
  - D. To measure the noise levels of the brakes
  
7. What is the maximum allowable stopping distance in the hot performance test?
  - A. Specified by the vehicle's maximum speed
  - B. 230 feet (70 meters) from a speed of 62 mph (100 km/h)
  - C. 300 feet (91 meters) from a speed of 60 mph (96 km/h)
  - D. 100 feet (30 meters) from a speed of 30 mph (48 km/h)

8. What does the red brake warning light indicate when it stays on?
- A. The ABS is functioning correctly
  - B. There is a hydraulic fault detected
  - C. The brake fluid is at an optimal level
  - D. The vehicle is in park
9. What is tested in the deceleration with a controlled cool-down period test?
- A. The friction material conditioning
  - B. The brake fluid boiling point
  - C. The brake light functionality
  - D. The ABS sensor accuracy
10. What does the variable brake proportioning system test ensure?
- A. The vehicle's ability to maintain a straight path during braking
  - B. The correct distribution of brake force between front and rear wheels
  - C. The brake fluid is distributed evenly
  - D. The brake lights are functioning properly

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Chapter 93

Multiple Choice Quiz A

Answer Key

1. A

2. B

3. A

4. A

5. C

6. C

7. A

8. B

9. A

10. B