

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

1. What is the main advantage of disc brakes in terms of fade resistance?
  - A. They have a drum to contain gases and particles
  - B. They are not exposed to air which keeps them cool
  - C. They have cooling passages cast into them
  - D. They have a smaller swept area
  
2. What causes the disc brake caliper piston to retract when the brakes are released?
  - A. Return (retracting) spring
  - B. The rotating rotor (disc) that pushes the piston back
  - C. The square-cut O-ring
  - D. The caliper bushings
  
3. Why are slots often used in brake pads?
  - A. To reduce brake noise
  - B. To increase brake life
  - C. To reduce brake fade
  - D. To improve braking performance
  
4. Which of the following is not a component of a disc brake system?
  - A. Backing plate
  - B. Splash shield
  - C. Caliper
  - D. Brake pads
  
5. What is the correct statement about disc brake pads?
  - A. Riveted disc brake pads are often quieter than bonded disc brake pads
  - B. Integrally molded disc brake pads are molded into holes in the steel backing of the pads
  - C. Both A and B are correct
  - D. Neither A nor B is correct
  
6. What happens if the caliper slides are corroded in a floating-type disc brake caliper?
  - A. One pad may wear more than the other pad on the same wheel brake
  - B. Reduced braking may occur
  - C. Both A and B are correct
  - D. Neither A nor B is correct
  
7. What is true about the brake fluid level in the master cylinder as disc brake pads wear?
  - A. The brake pedal height should not become lower
  - B. The level of brake fluid in the master cylinder reservoir drops
  - C. Both A and B are correct
  - D. Neither A nor B is correct

8. Which type of disc brake caliper may leak brake fluid more often?

- A. Sliding
- B. Fixed
- C. Floating
- D. Single-piston

9. What is true about vehicles equipped with rear disc brakes and their parking brake mechanism?

- A. All use a parking brake that is integrated into the caliper
- B. All use a small drum brake inside the rear rotor for a parking brake
- C. Both A and B are correct
- D. Neither A nor B is correct

10. A four-piston caliper is used in what type of caliper design?

- A. Floating
- B. Fixed
- C. Sliding
- D. Either fixed or floating

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Chapter 100

Multiple Choice Quiz A

Answer Key

1. C

2. C

3. A

4. A

5. C

6. C

7. B

8. A

9. D

10. B