

Name _____

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

- 1) Single-piston type disc brakes are adjusted by _____. 1) _____
 - A) Piston movement through the seal
 - B) Star wheel adjusters
 - C) Self-adjusting mechanisms
 - D) Torquing the guide pins

- 2) Technician A says some brake pads have tapered edges to prevent vibration. Technician B says pad wear indicators are required by law on all new vehicles. Which technician is correct? 2) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 3) Technician A says that all slides and caliper bushings should be lubricated for proper operation. Technician B says that lubricant should not be used on disc brake parts because it can trap and hold dirt. Which technician is correct? 3) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 4) The outboard shoe of a single piston caliper is pushed against the rotor by the _____. 4) _____
 - A) Push rod
 - B) Piston
 - C) Caliper body
 - D) Caliper mounting

- 5) Technician A says that disc brakes are self adjusting and the brake pedal height should not become lower as the disc brake pads wear. Technician B says that as the disc brake pads wear, the level of brake fluid in the master cylinder reservoir drops. Which technician is correct? 5) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 6) Technician A says that all vehicles equipped with rear disc brakes use a parking brake that is integrated in the caliper. Technician B says that all vehicles equipped with rear disc brakes use a small drum brake inside the rear rotor for a parking brake. Which technician is correct? 6) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 7) Why are brake rotor designed with vents? 7) _____
- A) To increase strength
 - B) To aid cooling
 - C) For manufacturing ease
 - D) To reduce weight
- 8) Technician A says that one disadvantage of disc brakes is noise. Technician B says that disc brakes are easier to equip with a parking brake mechanism than drum brakes. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 9) Technician A says that riveted disc brake pads are often quieter than bonded disc brake pads. Technician B says that integrally molded disc brake pads are molded into holes in the steel backing of the pads. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) Mechanical fade is NOT a problem with disc brakes because _____. 10) _____
- A) Disc brake use power boosters
 - B) The brake rotor expands toward the brake linings as it heats up
 - C) Disc brakes have a relatively small swept area
 - D) Disc brake pads have a lower friction coefficient

Answer Key

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