

Name _____

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

- 1) Technician A says that brake drums on the same axle should be close to the same inside diameter for best brake balance. Technician B says that a brake drum may be cracked if it rings like a bell when tapped with a light steel hammer. Which technician is correct? 1) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 2) A hubless brake drum cannot be machined because it cannot be held in a lathe. 2) _____
 - A) True
 - B) False

- 3) Typical maximum rotor runout specifications are _____. 3) _____
 - A) 0.0003 to 0.0005 in. (0.008 to 0.013 mm)
 - B) 0.003 to 0.005 in. (0.08 to 0.13 mm)
 - C) 0.030 to 0.050 in. (0.8 to 1.3 mm)
 - D) 0.300 to 0.500 in. (8.0 to 13 mm)

- 4) Rotor finish is measured in _____. 4) _____
 - A) millimeters
 - B) inches
 - C) microinches
 - D) centimeters

- 5) The major reason for brake pedal pulsation during braking is due to excessive rotor thickness variation. 5) _____
 - A) True
 - B) False

- 6) After machining a rotor, what should be done? 6) _____
 - A) Install it on the vehicle
 - B) Clean the rotor with soap and water
 - C) Rub the machined surface with a brake pad to burnish the surface
 - D) Use new lug nuts when installing on the vehicle

- 7) The major reason for brake pedal pulsation during braking is due to _____. 7) _____
 - A) grooved rotors
 - B) excessive rotor thickness variation
 - C) thin rotors
 - D) poor surface finish on the rotors

- 8) A disc brake rotor is being machined. Technician A says that a feed rate of 0.0008 inch per revolution and 150 RPM is where the rotor should be set for a final cut. Technician B says that the rotor should be given a non-directional surface finish using 150 grit sandpaper. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 9) Technician A says there are no brake lathes that can machine rotors on the vehicle. Technician B says drums must be removed from the vehicle to be machined. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 10) Two technicians are discussing the machining of brake drums. Technician A says that most brake drums cannot be machined more than 0.060 in. oversize. Technician B says that brake drums on a common axle should be machined to within 0.010 in. of each other. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

Answer Key

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- 1) A
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- 2) B
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- 3) B
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- 4) C
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- 5) A
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- 6) B
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