

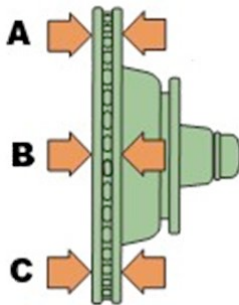
Name _____

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

- 1) The lower the Ra of a rotor, the _____ the surface. 1) _____
A) smoother
B) rougher
C) higher
D) lower

- 2) Hard spots in a brake drum are caused by _____. 2) _____
A) excessive heat and pressure
B) improper mounting of the drum on the lathe
C) machining a drum without using a rubber belt to dampen out the vibrations
D) machining a drum at too high a speed

- 3) The rotor in this illustration was measured in three places. 3) _____



The measurements are:

Point A = .987 "

Point B = .986 "

Point C = .987 "

The minimum thickness specification is .968 ". The rotor surface is smooth and not scored. What action should the technician take?

- A) None, the rotor is OK.
B) Replace the rotor.
C) Machine the rotor to correct the thickness variation.
D) Drive the vehicle to see if the variation evens out.
- 4) The chamfer on the inside edge of a brake drum usually indicates _____. 4) _____
A) bimetallic drums (1/2 cast iron and 1/2 steel)
B) maximum allowable inside diameter
C) machine to diameter
D) aluminum drum with cast iron inset

- 5) Two technicians are discussing disc brake rotor service. Technician A says that the inner races (bearing cups) should be removed from the rotor before it is mounted on the lathe. Technician B says that a non-directional finish on the rotor surfaces can be obtained by using sandpaper. Which technician is correct? 5) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 6) Which one is NOT a form of drum distortion? 6) _____
- A) Bellmouth
 - B) Lack of parallelism
 - C) Out-of-round
 - D) Eccentric
- 7) Which is NOT a type of brake drum construction? 7) _____
- A) Solid composite
 - B) Bimetallic
 - C) Centrifugally cast
 - D) Composite
- 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 that hard spots in a brake drum should be removed using a carbide-tip machining tool. Technician B says that the drum should be replaced if hard spots are discovered. 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) The brake lathe arbor should be checked using a _____. 10) _____
- A) feeler gauge
 - B) vacuum gauge
 - C) thread pitch gauge
 - D) dial indicator

Answer Key

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- 1) A
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- 2) A
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- 3) C
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- 4) B
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- 5) B
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- 6) B
Page Ref: 232-233
- 7) A
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- 8) B
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- 9) B
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- 10) D
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