

Name _____

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

- 1) Two technicians are discussing hard spots in brake drums. Technician A says the drum should be replaced. Technician B says the hard spots are caused by using riveted rather than bonded brake shoes. Which technician is correct? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 2) The lower the Ra of a rotor, the _____ the surface. 2) _____
A) smoother
B) rougher
C) higher
D) lower
- 3) Typical maximum rotor thickness variation (parallelism) specifications is _____. 3) _____
A) 0.0005 inch (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) 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? 4) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 5) Rotor finish is measured in _____. 5) _____
A) millimeters
B) inches
C) microinches
D) centimeters
- 6) Technician A says heat checking can be caused by numerous panic stops in rapid succession. Technician B says it can be caused by heavy braking. Which technician is correct? 6) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

- 7) The chamfer on the inside edge of a brake drum usually indicates _____. 7) _____
- 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
- 8) After machining a rotor, what should be done? 8) _____
- A) Installed 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
- 9) Brake drums use _____ for the friction surface area. 9) _____
- A) cast iron
 - B) aluminum
 - C) steel
 - D) carbon
- 10) Which one is not a form of drum distortion? 10) _____
- A) Bellmouth
 - B) Lack of parallelism
 - C) Out-of-round
 - D) Eccentric