

Name \_\_\_\_\_

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

- 1) The brake lathe arbor should be checked using a \_\_\_\_\_. 1) \_\_\_\_\_  
A) feeler gauge  
B) vacuum gauge  
C) thread pitch gauge  
D) dial indicator
- 2) 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? 2) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 3) 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? 3) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 4) 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? 4) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 5) Technician A says anti-vibration devices only need to be used when resurfacing drums. Technician B says hubless brake rotors require special adapters when mounted on a bench lathe for resurfacing. Which technician is correct? 5) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 6) The chamfer on the inside edge of a brake drum usually indicates \_\_\_\_\_. 6) \_\_\_\_\_  
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

- 7) Which is NOT a type of brake drum construction? 7) \_\_\_\_\_
- A) Solid composite
  - B) Bimetallic
  - C) Centrifugally cast
  - D) Composite
- 8) Typical maximum rotor runout specifications are \_\_\_\_\_. 8) \_\_\_\_\_
- 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)
- 9) Brake drums use \_\_\_\_\_ for the friction surface area. 9) \_\_\_\_\_
- A) cast iron
  - B) aluminum
  - C) steel
  - D) carbon
- 10) 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? 10) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

## Answer Key

Testname: AT6\_108A

1) D

Page Ref: 1266

2) C

Page Ref: 1258

3) A

Page Ref: 1256

4) A

Page Ref: 1258

5) C

Page Ref: 1259

6) B

Page Ref: 1258

7) A

Page Ref: 1254

8) B

Page Ref: 1262

9) A

Page Ref: 1254

10) B

Page Ref: 1256