Automotive Technology 7th Edition
Chapter 103: Machining Brake Drums and Rotors
Short Answer Quiz

Name: _____ Date: _____

1. What is the primary cause of brake pedal pulsation during braking as mentioned in the document?

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_____
_____
_____

2. Explain the significance of "machine to" specifications versus "discard" in the context of brake drums.

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_____

3. Describe the procedure for qualifying a brake lathe and its purpose.

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4. What are the consequences of hard spots on brake drums and rotors?

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_____

5. How does the arithmetic average roughness height (AARH), Ra, relate to the surface finish of a rotor?

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_____
_____

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6. Discuss the factors that can lead to drum and rotor damage as outlined in the document.

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_____
_____

7. What is the recommended action when hard spots are found on a drum or rotor?

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8. Explain the impact of rotor surface finish on braking effectiveness.

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9. What is the recommended machining process for a brake drum that has light heat checking?

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10. Describe the process and rationale for on-the-vehicle rotor machining as recommended by some vehicle manufacturers.

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