

Name \_\_\_\_\_

**SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.**

- 1) List the differences between drum brakes and disc brakes.

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- 2) Explain how ABS units prevent wheel lockup.

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- 3) List the six brake subsystem categories.

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- 4) What is the purpose any brake repair?

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- 5) List ten of the brake tests performed under the Federal Motor Vehicle Safety Standard (FMVSS) 135.

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## Answer Key

Testname: SHORT 96

- 1) Disc brakes squeeze two friction pads against both sides of a rotor, whereas in a drum brake, the friction material is forced outward against a rotating drum.  
Page Ref: 1099
- 2) An antilock brake system pulses the brake on and off to prevent the tires from skidding during an ABS event.  
Page Ref: 1101; 1103
- 3) The six brake subsystem categories include: apply, boost, hydraulic, wheel brakes, brake balance control, and instrument panel warning lights.  
Page Ref: 1101
- 4) The purpose of any repair is to restore like-new performance.  
Page Ref: 1105
- 5) The ten tests performed under the FMVSS 135 include: ABS performance, adhesion utilization, cold effectiveness, high-speed effectiveness, stops with engine off, antilock function failure, variable brake proportioning, hydraulic circuit failure, brake power-assist unit inoperative, parking brake.  
Page Ref: 1104-1105