

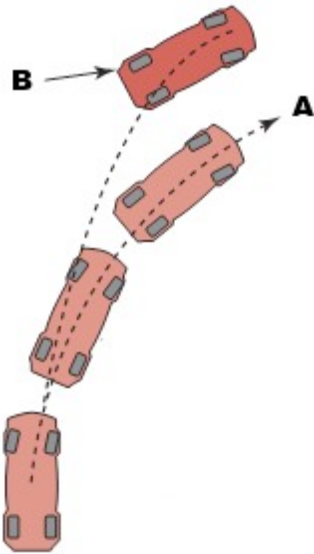
Name \_\_\_\_\_

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

1) Traction control is being discussed. Technician A says that the computer locks both drive wheels together when one drive wheel starts to slip. Technician B says that first the brakes are applied then the engine power is reduced. Which technician is correct? 1) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

2) The electronic stability control (ESC) system requires that the vehicle be equipped with what type of brake system? 2) \_\_\_\_\_  
A) Four-wheel disc brakes  
B) Four channel ABS  
C) Three channel ABS  
D) Front disc with rear drum brakes

3) In this drawing, the vehicle's intended track is "A." If driven a little too fast, the actual track is "B." This condition is known as \_\_\_\_\_. 3) \_\_\_\_\_



- A) Understeer
- B) Oversteer
- C) Delayed steer
- D) Left hand drift

- 4) Technician A says that many traction control systems reduce engine torque to help the drive wheels achieve traction. Technician B says that hydraulic pressure from the electrohydraulic unit may supply brake fluid pressure to the wheel brake that is spinning during a traction control event. Which technician is correct? 4) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 5) A lateral acceleration sensor is usually located where in the vehicle? 5) \_\_\_\_\_
- A) Under the front seat
  - B) In the center console
  - C) On the package shelf
  - D) Any of the above locations
- 6) The hand wheel position sensor is located \_\_\_\_\_. 6) \_\_\_\_\_
- A) In the air bag clock spring
  - B) In the steering column
  - C) On the steering rack assembly
  - D) Under the driver's side carpet
- 7) Traction control uses the antilock braking system and other devices to limit \_\_\_\_\_ of the drive wheel during acceleration. 7) \_\_\_\_\_
- A) Positive slip
  - B) Negative slip
  - C) Side slip
  - D) None of these
- 8) A diagnostic trouble code (DTC) has been set for a fault with the lateral acceleration sensor or circuit. What test could be performed to check if the sensor is working? 8) \_\_\_\_\_
- A) Unplug it and see if the scan tool reads 1.0 G
  - B) Disconnect the sensor and hold it sideways to see if the scan tool reads 0.0 G
  - C) Disconnect the sensor and hold it sideways to see if the scan tool reads 1.0 G
  - D) Drive the vehicle in a circle to see if the scan tool reads 0.0 G
- 9) During a traction control event, which of the following strategies is usually applied first? 9) \_\_\_\_\_
- A) Reduce engine torque
  - B) Apply the drive wheel brakes
  - C) Either A or B depending on conditions
  - D) Neither A nor B
- 10) A longitudinal accelerometer senses what type of force? 10) \_\_\_\_\_
- A) Straight-line acceleration
  - B) Cornering force
  - C) Steering wheel position
  - D) None of these

## Answer Key

Testname: BRAKES7\_19B

1) D

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2) B

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3) A

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4) C

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5) D

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6) B

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7) A

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8) C

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9) A

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10) B

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