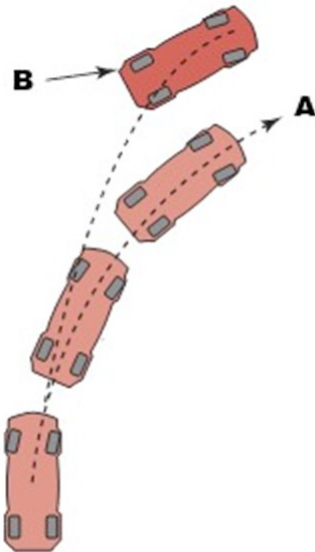


Name _____

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

- 1) Which Federal Motor Vehicle Safety Standard requires electronic stability control to be on all vehicles by 2011? 1) _____
A) 126
B) 113
C) 109
D) 101
- 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) The hand wheel position sensor is located _____. 3) _____
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
- 4) 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 _____. 4) _____



- A) understeer
B) oversteer
C) delayed steer
D) left hand drift

- 5) Technician A says that some vehicles with the Stabilitrak system continuously monitor wheel speed conditions and modulate hydraulic force to individual wheels to maintain stability. Technician B says that vehicles using traction control systems can reduce engine torque in slippery driving conditions. Which technician is correct? 5) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 6) What is the name of the standard test that is performed to verify ESC operation? 6) _____
- A) ESC plus
 - B) Vehicle stability enhancement test
 - C) Sine with dwell
 - D) Anti-skid test
- 7) Some antilock braking systems use a yaw sensor for the ESC system. Where could this sensor be mounted? 7) _____
- A) In the front of the vehicle near the radiator
 - B) Attached to or near the brake pedal assembly
 - C) On the master cylinder
 - D) Inside the vehicle under a seat
- 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) What other name is used to describe an electronic stability control (ESC) system? 10) _____
- A) Vehicle Stability Assist (VSA)
 - B) Electronic Stability Program(ESP)
 - C) Vehicle Dynamic Control (VDC)
 - D) Any of the above

Answer Key

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- 1) A
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- 2) B
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- 3) B
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- 4) A
Page Ref: 315
- 5) C
Page Ref: 317, 320
- 6) C
Page Ref: 316
- 7) D
Page Ref: 319
- 8) C
Page Ref: 319
- 9) A
Page Ref: 321
- 10) D
Page Ref: 317