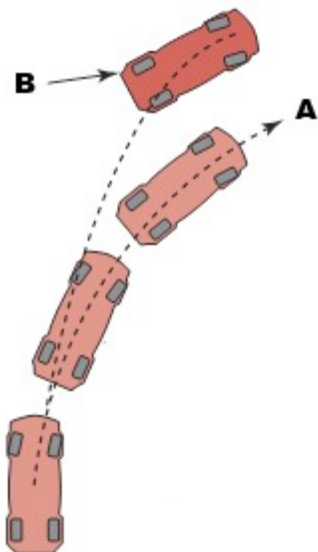


Name _____

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

- 1) 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 _____ 1) _____



- A) Understeer
 - B) Oversteer
 - C) Delayed steer
 - D) Left hand drift
- 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) 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? 3) _____
- 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
- 4) Some antilock braking systems use a yaw sensor. Where is this sensor usually mounted? 4) _____
- 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

- 5) The hand wheel position sensor is located _____. 5) _____
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
- 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) Which Federal Motor Vehicle Safety Standard requires electronic stability control to be on all vehicles by 2011? 7) _____
A) 126
B) 113
C) 109
D) 101
- 8) What other name is used to describe an electronic stability control (ESC) system? 8) _____
A) Vehicle Stability Assist (VSA)
B) Electronic Stability Program(ESP)
C) Vehicle Dynamic Control (VDC)
D) Any of the above
- 9) 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 supplies brake fluid pressure to the wheel brake that is spinning during a traction control event. Which technician is correct? 9) _____
A) Technician A only
B) Technician B only
C) Both Technicians A and B
D) Neither Technician A nor B
- 10) During a traction control event, which of the following strategies is usually applied first? 10) _____
A) Reduce engine torque
B) Apply the drive wheel brakes
C) Either A or B depending on conditions
D) Neither A nor B

Answer Key

Testname: AAEE_25A

1) A

Page Ref: 363

2) B

Page Ref: 363

3) C

Page Ref: 365

4) D

Page Ref: 366

5) B

Page Ref: 364

6) C

Page Ref: 363

7) A

Page Ref: 363

8) D

Page Ref: 364

9) C

Page Ref: 367

10) A

Page Ref: 367