

Name: _____ Date: _____

1. Which of the following is NOT involved in calibrating radar and cameras?
 - A. Driving the vehicle in a circle 10 times to calibrate the cameras
 - B. Both static (stationary) and dynamic (moving) calibration
 - C. Using a factory or factory-level scan tool
 - D. Setting special targets at precisely specified locations around the vehicle

2. What does an automatic braking system use to warn of a potential collision?
 - A. Vibrating brake pedal
 - B. Either a buzzer or flashing light
 - C. Flashing light
 - D. Buzzer

3. A parking-assist system warns the driver if the vehicle is nearing an object. Which object type is most likely NOT detected by most systems?
 - A. Objects larger than 10 inches (25 cm) high
 - B. Objects under the vehicle
 - C. Any of the mentioned objects
 - D. Objects larger than 3 inches (8 cm) wide

4. Which of the following is NOT a function of advanced driver assist systems?
 - A. Self-drive capability
 - B. Alerting the driver of a potential issue
 - C. Assisting the driver to avoid a sudden collision if a vehicle in front stops abruptly
 - D. Reducing the driver's workload

5. Blind spot monitor (BSM) and lane departure warnings can be provided through which means?
 - A. Audible alerts
 - B. Visual alerts
 - C. Vibrating (tactile) alerts
 - D. All of the above

6. Self-parking vehicles utilize _____ and control the _____ to maneuver the vehicle into a parking space.
 - A. Radar; throttle
 - B. Sonic sensor; brakes
 - C. Camera; electric power steering
 - D. Radar; electric power steering

7. The primary purpose of lane keep assist (LKA) is to:
 - A. Use the electric power steering to maintain the vehicle within the lane
 - B. Warn the driver when deviating from a lane
 - C. Work in conjunction with adaptive cruise control to autonomously drive the vehicle without driver intervention
 - D. Both A and B

8. A driver mentions that the brakes seem to release slowly at times, especially when halted on an incline. This is typical behavior of the _____ system.

- A. Hill start assist
- B. Pre-collision system
- C. Adaptive cruise control
- D. Automatic emergency braking

9. Adaptive cruise control systems are also referred to as:

- A. Radar cruise control
- B. Dynamic cruise control
- C. Active cruise control
- D. All of the above

10. Rear cross-traffic alert is designed to alert the driver when reversing from a parking spot if a vehicle is approaching from either direction. The system employs _____ mounted on both sides of the vehicle near the rear bumper.

- A. Sonar
- B. Cameras
- C. Radar
- D. Ultrasonic sensors

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Multiple Choice Quiz B

Answer Key

1. A

2. B

3. B

4. A

5. D

6. C

7. D

8. A

9. D

10. D