

Name: _____ Date: _____

1. What is NOT a function of advanced driver assist systems?
 - A. Alert the driver of a potential issue
 - B. Self-drive capability
 - C. Help the driver avoid a collision if a vehicle in front stops quickly
 - D. Take the load off the driver

2. Blind spot monitor (BSM) and lane departure warnings can be:
 - A. audible
 - B. vibrating (tactile)
 - C. visual
 - D. Any of the above

3. Self-parking vehicles use _____ and control the _____ to control the vehicle into a parking space.
 - A. radar; throttle
 - B. sonic sensor; brakes
 - C. camera; electric power steering
 - D. radar; electric power steering

4. The purpose of lane keep assist (LKA) is:
 - A. to warn the driver if moving out of a lane
 - B. used with adaptive cruise control to self-drive the vehicle without driver input or control
 - C. to use the electric power steering to keep the vehicle within the lane
 - D. Both A and C

5. A driver complains that the brakes seem to release slowly at times, usually when stopped on a hill. This is normal operation of the _____ system.
 - A. hill start assist
 - B. pre-collision
 - C. adaptive cruise control
 - D. automatic emergency braking

6. Adaptive cruise control systems can also be called:
 - A. dynamic cruise control
 - B. radar cruise control
 - C. active cruise control
 - D. Any of the above

7. Rear cross-traffic alert is used to warn the driver when backing out from a parking space if there is a vehicle approaching from either side. The system uses _____ installed on both sides of the vehicle near the rear bumper.
 - A. sonar
 - B. cameras
 - C. ultrasonic sensors
 - D. radar

8. Calibrating radar and cameras involves all of the following except:

- A. driving the vehicle in a circle 10 times to calibrate the cameras
- B. both static (stationary) and dynamic (moving) calibration is required
- C. special targets set at precisely specified location around the vehicle
- D. factory or factory-level scan tool

9. A parking-assist system works to warn the driver if the vehicle is getting close to an object. What type of object cannot be detected by most systems?

- A. Objects larger than 10 inches (25 cm) high
- B. Objects under the vehicle
- C. Objects larger than 3 inches (8 cm) wide
- D. Any of the above

10. Automatic braking uses a _____ to warn of a possible collision.

- A. buzzer
- B. vibrating brake pedal
- C. flashing light
- D. Either A or C

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Chapter 58

Multiple Choice Quiz A

Answer Key

1. B

2. D

3. C

4. D

5. A

6. D

7. C

8. A

9. B

10. D