

Section 1: Selected Response

Directions: Place the letter that corresponds to the correct answer on the space provided.

- ___ 1. What does it mean if the check engine light is blinking?
- a. get the oil changed
 - b. it is a sign of a serious problem
 - c. flush the cooling system
 - d. rotate the tires
- ___ 2. What do the letters OBD represent?
- a. on-board defects
 - b. off-by door
 - c. on-board diagnostics
 - d. on-board deals
- ___ 3. What color of fluid might be represented by an engine oil leak?
- a. black/golden brown
 - b. red
 - c. orange
 - d. green
- ___ 4. What color of tailpipe smoke generally indicates oil burning?
- a. white
 - b. black
 - c. yellow
 - d. blue
- ___ 5. What type of smell is generally associated with a faulty catalytic converter?
- a. burning
 - b. sweet
 - c. rotten egg/sulfur
 - d. rich fuel
- ___ 6. What may cause a pinging sound while accelerating?
- a. low octane rating
 - b. high octane rating
 - c. worn CV joint
 - d. worn belt tensioner
- ___ 7. What is a written advisory statement by a vehicle manufacturer to assist dealerships in diagnosing reoccurring problems?
- a. recall notice
 - b. MSRP
 - c. technical service bulletin (TSB)
 - d. an official letter on vehicle manufacturer letterhead

- ___ 8. Which of the following is NOT a characteristic of a worn or damaged wiper blade?
- a. skipping
 - b. streaking
 - c. splitting
 - d. wiping
- ___ 9. Which of the following would be a common length of a windshield wiper blade?
- a. 3 inches
 - b. 6 inches
 - c. 18 inches
 - d. 42 inches
- ___ 10. Where is the OBD II compliant 16 pin data link connector located on vehicles?
- a. under the hood
 - b. in the trunk
 - c. under the vehicle
 - d. under the dash near the steering column
- ___ 11. What can you use to pinpoint a leak on a tire?
- a. baking soda
 - b. WD 40
 - c. soapy water solution
 - d. tire pressure monitoring system sensor
- ___ 12. Which of the following is true?
- a. A rock chip never turns into a windshield crack.
 - b. A high quality windshield will not get rock chips.
 - c. If a chip is small enough, there are inexpensive DIY chip repair kits available.
 - d. Chips can be repaired with caulking.
- ___ 13. Which of the following is NOT a type of wiper arm?
- a. double hinged
 - b. j-hook
 - c. bayonet
 - d. pin
- ___ 14. The charging system light indicates that _____.
- a. the battery is not being recharged
 - b. cooling system leaked water onto the AC generator (alternator)
 - c. air conditioning system needs to be recharged
 - d. powertrain control module needs more electricity
- ___ 15. What would cause the engine not to crank over?
- a. low transmission fluid
 - b. no gasoline in the gas tank
 - c. a battery that has only 12.6 volts
 - d. a loose battery cable

Section 2: Selected Response ASE Style Questions

Directions: Place the letter that corresponds to the correct answer on the space provided.

- ___ 16. Technician A says that black smoke is usually an indication of the engine getting too much fuel (running rich). Technician B says that excessive white smoke generally indicates that the engine is burning coolant. Who is correct?
- Technician A
 - Technician B
 - Both Technician A and Technician B
 - Neither Technician A nor Technician B
- ___ 17. Technician A says that if you lock your keys inside your vehicle, it is best to put safety glasses on and break the window to get inside. Technician B says that a tow truck driver or locksmith can get into your vehicle without damaging it in only a few minutes. Who is correct?
- Technician A
 - Technician B
 - Both Technician A and Technician B
 - Neither Technician A nor Technician B
- ___ 18. Technician A says that if the serpentine belt breaks, it is OK to drive the vehicle since the belt usually only runs the alternator for recharging the battery. Technician B says that if the serpentine belt breaks, you should consider having the vehicle towed since you may not have coolant circulating in the engine or your power steering may not be working. Who is correct?
- Technician A
 - Technician B
 - Both Technician A and Technician B
 - Neither Technician A nor Technician B
- ___ 19. Technician A says that when cleaning a battery you should wear gloves, a dust mask, and safety goggles. Technician B says to clean battery terminals you can use a baking soda solution. Who is correct?
- Technician A
 - Technician B
 - Both Technician A and Technician B
 - Neither Technician A nor Technician B
- ___ 20. Technician A says that when replacing a headlight composite bulb it is OK to touch the glass part of the bulb. Technician B says that when replacing a composite headlight bulb it is usually necessary to remove the grill to access the bulbs. Who is correct?
- Technician A
 - Technician B
 - Both Technician A and Technician B
 - Neither Technician A nor Technician B

Section 3: Constructed Response

Directions: Use complete sentences to answer the following questions. The criteria below will be used to assess your answers.

Outstanding (A = 4.0)	Very Good (B = 3.0)	Acceptable (C = 2.0)	Attempted (D = 1.0)	Did Not Attempt (F = 0)
Student demonstrates a complete understanding of the problem. Several details and examples were given to support the answer. The response was extremely well organized.	Student demonstrates a considerable understanding of the problem. Some details and examples were given to support the answer. The response was presented in a thoughtful manner.	Student demonstrates a partial understanding of the problem. Few details and examples were given to support the answer. The response was somewhat organized, but did not have smooth transitions.	Student demonstrates little understanding of the problem. Details and examples were not relevant or not given. The response was difficult to follow and confusing to the reader. However, the student made an honest attempt at answering the question.	No attempt was made to answer the question.

21. What could cause a no-start situation? List two conditions that commonly occur.

22. What should be included in an emergency roadside kit? List at least five items.
