

# Sample Questions: ASE Entry-Level Certification

## ASE Entry-Level Sample Questions

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The following are examples of the types of questions found on the ASE Student Certification tests. Each test will consist of a mixture of theory and applied diagnostic style questions.

1. The ride (curb) height on the rear of a vehicle is found to be too low. The best corrective action would be to:
- A. replace the rear shocks.
  - B. install larger diameter rear tires.
  - C. replace the rear springs.
  - D. add helper springs.

2. The role of a stabilizer (sway) bar is to:
- A. prevent vibration.
  - B. control body roll.
  - C. prevent tire wear.
  - D. absorb noise.

3. A vehicle with front disc brakes shudders when the brakes are applied. Which of these could be the cause?
- A. Worn disc pads
  - B. A leaking grease seal
  - C. Warped brake rotors
  - D. A tight wheel bearing

4. How many amps will flow through a circuit with 3.3 ohms of resistance if 14.0 volts are applied?
- A. 0.23 amps
  - B. 4.24 amps
  - C. 14.0 amps
  - D. 46.2 amps

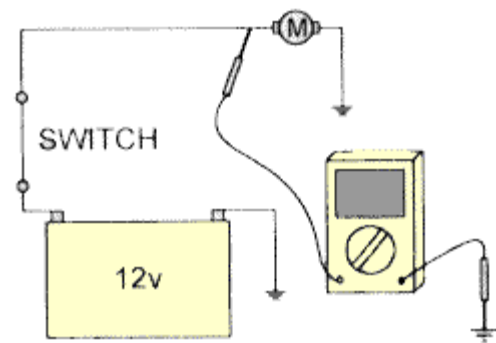


Diagram A

5. The digital multimeter (DMM) shown in Diagram A is measuring:
- A. volts.
  - B. amps.
  - C. ohms.
  - D. watts.
6. Blue exhaust smoke can be caused by:
- A. a clogged air filter.
  - B. worn piston rings.
  - C. worn main bearings.
  - D. a blown head gasket.

Answer Key:

1-C, 2-B, 3-C, 4-B, 5-A, 6-B

|     |          |
|-----|----------|
| CO  | 0.5%     |
| HC  | 1800 ppm |
| O2  | 4.9%     |
| CO2 | 10.2%    |

Diagram B

7. The exhaust gas readings shown in Diagram B were obtained from a vehicle. Which of these could be the cause?

- A. An open coil wire
- B. An open injector winding
- C. A leaking injector
- D. A bad plug wire

8. The torquing sequence for cylinder head bolts normally begins at the:

- A. middle of the head.
- B. front of the head.
- C. side of the head closest to the intake manifold.
- D. rear of the head.

9. Which of these could cause a manual transaxle to jump out of gear?

- A. A misadjusted clutch
- B. Worn CV joints
- C. A binding clutch release bearing
- D. Worn shifter forks

10. An air conditioning system is being charged.

Technician A says that R-12 and R-134a can be mixed in a vehicle's system.

Technician B says that it is acceptable to release R-134a into the atmosphere.

Who is right?

- A. A only
- B. B only
- C. Both A and B
- D. Neither A nor B

11. When buffing a refinished hood, the clearcoat appears to be melting. This could be caused by:

- A. over-baked clearcoat.
- B. buffing too slow.
- C. buffing at a high RPM.
- D. over-reduced clearcoat.

12. Which of these combinations would be correct when mixing basecoat and reducer using a 1:1 mixing ratio?

- A. 100 grams of color + 100 grams of reducer
- B. 10 grams of reducer + 10 grams of color
- C. 10 parts color + 10 parts reducer
- D. 10 ounces of color + 1 ounce reducer

13. All of these tools could be used to rough out a damaged panel **EXCEPT**:

- A. screw type slide hammer.
- B. bumping style hammer.
- C. dolly block.
- D. weld-on tab.

14. Which of these tools should be used to secure a vehicle to the pinchweld anchoring devices?

- A. Air impact
- B. Torque wrench
- C. Box wrench
- D. Lug nut wrench

15. In a parallelogram steering linkage, which of these supports the center link?

- A. Inner and outer tie rods
- B. Idler arm and pitman arm
- C. Steering coupler
- D. Strut rods

Answer Key:

7-D, 8-A, 9-D, 10-D, 11-C, 12-C, 13-A, 14-B, 15-B