

Automotive Technology 7th Edition
Chapter 6
Multiple Choice Quiz A

Name: _____ Date: _____

1. What determines when a material is considered hazardous waste in a shop?
 - A. When the shop first acquires it.
 - B. When it is included on the EPA list of hazardous materials.
 - C. When the shop has finished using it and is ready to dispose of it.
 - D. When it reacts violently with water or other chemicals.

2. Under the right-to-know laws, what responsibility does the employer have regarding hazardous materials?
 - A. The employer must use the materials without informing employees.
 - B. The employer must ensure all employees are trained about hazardous materials they will encounter.
 - C. The employer is not responsible for any hazardous materials used in the workplace.
 - D. The employer must handle all hazardous materials themselves.

3. What purpose does the Occupational Safety and Health Act (OSHA) serve?
 - A. To control the disposal of hazardous waste materials.
 - B. To enforce the standards of brake fluid disposal.
 - C. To assure safe and healthful working conditions through various methods, including education.
 - D. To regulate only the manufacturing sector.

4. Which is NOT a characteristic of a hazardous waste as per the EPA?
 - A. Reactive
 - B. Corrosive
 - C. Flavorful
 - D. Toxic

5. What is the importance of the Resource Conservation and Recovery Act (RCRA)?
 - A. It states that hazardous material users are responsible for the materials from when they become waste until proper disposal.
 - B. It defines what a used oil is.
 - C. It mandates the use of safety data sheets.
 - D. It describes how to handle asbestos.

6. Which solvents are being used in non-chlorinated brake cleaning solvents due to their non-ozone depleting properties?
 - A. Heptane, xylene, and ethyl ether.
 - B. Heptane, hexane, and xylene.
 - C. Heptane, hexane, and methanol.
 - D. Hexane, ethyl ether, and xylene.

7. What kind of solvents are described as environmentally responsible?
 - A. Solvents that are radioactive.
 - B. Solvents that are biodegradable and noncarcinogenic.
 - C. Solvents that evaporate quickly.
 - D. Solvents that are highly reactive.

8. Short-term exposure to what types of solvents can cause symptoms such as headache, nausea, and drowsiness?

- A. Non-chlorinated solvents.
- B. Chlorinated hydrocarbon solvents.
- C. Biodegradable solvents.
- D. Environmentally responsible solvents.

9. What is the classification of solvents with flash points below 140°F (60°C)?

- A. Biodegradable.
- B. Combustible.
- C. Flammable.
- D. Nonhazardous.

10. How should used solvents be stored?

- A. In open containers for evaporation.
- B. In any type of container with loose lids.
- C. In OSHA-approved safety containers with tightly closed lids.
- D. Only in large tanks underground.

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Answer Key

1. C

2. B

3. C

4. C

5. A

6. B

7. B

8. B

9. C

10. C