

Name: _____

Date: _____

1. According to the Clean Air Act (CAA), Title VI, Section 609, what is regulated?
 - A. Hazardous waste disposal.
 - B. Brake fluid usage.
 - C. Air-conditioning systems and refrigerants.
 - D. Asbestos exposure levels.

2. Which disease is associated with asbestos exposure and leads to scar tissue formation in the lungs?
 - A. Mesothelioma
 - B. Lung cancer
 - C. Asbestosis
 - D. Latency disorder

3. What is the purpose of a high-efficiency particulate air (HEPA) vacuum system in relation to asbestos?
 - A. To dissolve asbestos fibers.
 - B. To keep asbestos exposure levels below 0.1 fibers per cubic centimeter.
 - C. To react with asbestos fibers, making them non-hazardous.
 - D. To store asbestos fibers for disposal.

4. What is NOT true regarding used oil as per the EPA's definition?
 - A. Used oil must have been refined from crude oil or made from synthetic materials.
 - B. Oils used as cleaning agents are considered used oil.
 - C. Used oil must become contaminated as a result of being used.
 - D. Animal and vegetable oils are excluded from the EPA's definition of used oil.

5. Before an oil filter is placed into the trash or sent to be recycled, what must be done according to the EPA-approved methods?
 - A. Burn the filter.
 - B. Seal the filter in an airtight bag.
 - C. Hot drain it to remove all the used oil.
 - D. Clean it with a solvent spray.

6. How should used antifreeze be treated due to its potential hazards?
 - A. It can be poured down any drain.
 - B. It should be stored in open containers outside.
 - C. It should be recycled either onsite or offsite.
 - D. It should be mixed with gasoline and burned.

7. What poses an environmental concern when used tires are placed in landfills?
 - A. They degrade and enrich the soil.
 - B. They release beneficial gases.
 - C. They tend to rise to the surface.
 - D. They attract more wildlife.

8. What is a significant concern when burning used tires?
- A. It produces green smoke beneficial to the environment.
 - B. It results in large amounts of black smoke contaminating the air.
 - C. It ensures quicker degradation of tires.
 - D. It produces a pleasant odor.
9. How should used refrigerant oil be managed due to its hazardous nature?
- A. It should be mixed with other waste oils.
 - B. It should be left in open containers for evaporation.
 - C. It must be sent to a licensed hazardous waste disposal company.
 - D. It can be used for other mechanical purposes.
10. Why is it important for automotive service facilities to account for and properly dispose of all hazardous and nonhazardous waste?
- A. It ensures more waste is produced.
 - B. It helps in attracting more customers.
 - C. It is important for advertising purposes.
 - D. It ensures environmental protection and compliance with regulations.

Automotive Technology 7th Edition
Chapter 6
Multiple Choice Quiz B
Answer Key

1. C
2. C
3. B
4. B
5. C
6. C
7. C
8. B
9. C
10. D