

## *Automotive Engines 10th*

### Quiz 3A

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

1. Technician A says that most states will allow landfills to dispose of whole tires with a permit. Technician B says that landfills must shred tires before disposal. Which technician is correct? 1. \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
  
2. Which of the following section numbers of the Clean Air Act apply to automotive air conditioning refrigerants? 2. \_\_\_\_\_
  - A) 409
  - B) 311
  - C) 608
  - D) 609
  
3. Gasoline should be stored in approved containers that include what color(s)? 3. \_\_\_\_\_
  - A) A red container with yellow lettering
  - B) A red container
  - C) A yellow container
  - D) A yellow container with red lettering
  
4. All of the following are the proper ways to dispose of a drained oil filter EXCEPT \_\_\_\_\_. 4. \_\_\_\_\_
  - A) sent for recycling
  - B) picked up by a service contract company
  - C) disposed of in regular trash
  - D) considered to be hazardous waste and disposed of accordingly
  
5. The following statements are all correct EXCEPT \_\_\_\_\_. 5. \_\_\_\_\_
  - A) used tires can be breeding grounds for mosquitoes that carry disease.
  - B) used tires produce a heavy smoke when burned.
  - C) used tires are difficult to dispose of in a landfill because they tend to rise to the surface.
  - D) used tires can be burned in a furnace for winter heat
  
6. All the criteria below are used by the EPA to determine if a substance can be called "used oil," EXCEPT \_\_\_\_\_. 6. \_\_\_\_\_
  - A) origin
  - B) use
  - C) color
  - D) contaminants
  
7. All of these are hazardous waste EXCEPT \_\_\_\_\_. 7. \_\_\_\_\_
  - A) cleaning solvent
  - B) air-conditioning refrigerant and oils
  - C) engine coolant and antifreeze
  - D) used air filters

8. All these statements are correct EXCEPT \_\_\_\_\_. 8. \_\_\_\_\_
- A) a liquid is considered ignitable if it has a flash point below 140°F (60°C)
  - B) AC refrigerants can be released into the air in small amounts
  - C) pure water has a pH of 7, meaning it is neutral.
  - D) lower pH numbers indicate a substance is more acidic.
9. Technician A says that solvents currently in use in a parts washer must always be labelled. Technician B says that Safety Kleen is a vendor that recycles and disposes of used solvent. Which technician is correct? 9. \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
10. The following statements are all correct EXCEPT \_\_\_\_\_. 10. \_\_\_\_\_
- A) unused brake fluid is considered a hazardous waste.
  - B) brake fluid may be recycled.
  - C) most brake fluid is made from polyglycol.
  - D) brake fluid should not be mixed with engine oil for disposal unless otherwise directed.

## Answer Key

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