

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. What happens if liquid refrigerant splashes onto the skin?
  - A. It immediately boils and absorbs heat.
  - B. It causes a burning sensation.
  - C. It evaporates without any effect.
  - D. It causes an allergic reaction.
  
2. What poisonous gas is formed when a CFC such as R-12 or R-22 comes into contact with a flame?
  - A. Carbon dioxide
  - B. Methane
  - C. Phosgene-like gas
  - D. Hydrogen
  
3. What percentage of hydrocarbon (butane, isobutane, or propane) is considered flammable?
  - A. 1%
  - B. 2%
  - C. 5%
  - D. 10%
  
4. Why should air not be used to flush an R-134a system?
  - A. It can cause corrosion.
  - B. It can lead to a fire or explosion.
  - C. It reduces the efficiency of the system.
  - D. It can cause the system to freeze.
  
5. What is the purpose of the room left in refrigerant containers when they are filled?
  - A. For mixing with other gases.
  - B. For expansion.
  - C. For better storage.
  - D. To reduce the weight of the container.
  
6. What happens if a CFC such as R-12 or R-22 is drawn through burning tobacco?
  - A. It produces a bitter taste.
  - B. It enhances the flavor.
  - C. It produces a sweet taste.
  - D. It has no noticeable effect.
  
7. What is the definition of a non-condensable gas (NCG)?
  - A. A gas that does not allow condensation.
  - B. A gas that condenses under high pressure.
  - C. A gas that does not condense under normal refrigeration conditions.
  - D. A gas that is used in refrigeration systems.

8. Which of the following is NOT a characteristic of Carbon Dioxide (CO<sub>2</sub>)?

- A. It is colorless and odorless.
- B. It is a man-made chemical compound.
- C. It is present in the atmosphere as a trace gas.
- D. Humans breathe out CO<sub>2</sub>.

9. What is the pressure range of a Carbon Dioxide (CO<sub>2</sub>) or R-744 system compared to an R-134a system?

- A. 2 to 3 times higher.
- B. 4 to 5 times higher.
- C. About the same.
- D. 7 to 10 times higher.

10. What is the color of R-12 refrigerant containers?

- A. Red
- B. Light blue
- C. Green
- D. White

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Chapter 64

Multiple Choice Quiz A

Answer Key

1. A

2. C

3. B

4. B

5. B

6. A

7. C

8. B

9. D

10.D