

Automotive Technology 7<sup>th</sup> Edition  
Chapter 65  
Multiple Choice Quiz B

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

1. What is the result of recovering a system contaminated by a substance like R-22 into a recovery container half full of R-134a?
  - A. It improves the R-134a quality
  - B. It ruins the R-134a in the container
  - C. It separates the two refrigerants
  - D. It has no effect on the R-134a
  
2. What should be done if the shop area is cold during the recovery process?
  - A. Use a heater
  - B. Perform an engine pre-heat procedure
  - C. Wait for the temperature to rise
  - D. Use a special refrigerant
  
3. What do recovery units do?
  - A. Convert refrigerant liquid into vapor
  - B. Store refrigerant as a gas
  - C. Draw refrigerant vapor out of a system and convert it into liquid
  - D. Measure the temperature of the refrigerant
  
4. What should be done to avoid harming the compressor when charging liquid into the system?
  - A. Vaporizing
  - B. Slugging
  - C. Condensing
  - D. Filtering
  
5. To what number of microns do most experts recommend the system be drawn down to?
  - A. 500 or lower
  - B. 10,000 or higher
  - C. 243
  - D. 127
  
6. What is the primary component of a recovery unit?
  - A. An oil separator
  - B. A heater
  - C. A filter
  - D. A gauge
  
7. For a faster recovery process in a cold shop area, what should the controls be set to?
  - A. Compressor operating
  - B. Recirculated air
  - C. Blower on low
  - D. Outside air with blower on high

8. What is the risk of a system with contaminated refrigerant?

- A. It improves system efficiency
- B. It acts like a virus, potentially contaminating other systems
- C. It increases the system's lifespan
- D. It has no effect on other systems

9. What is the recommended method to inspect the material being flushed from the system?

- A. Using a paper coffee filter
- B. Using a magnifying glass
- C. Using a special machine
- D. By tasting the material

10. What is the result of air from improper service procedures in a refrigerant system?

- A. Improved efficiency
- B. Contaminated refrigerant
- C. Increased lifespan of the system
- D. No effect on the system

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Answer Key

1. B

2. B

3. C

4. B

5. A

6. A

7. D

8. B

9. A

10. B