

AUTEC 317 HMWK CH-14

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

- 1) Technician A says that the same recovery unit can be used for R-12 and R-134a. Technician B says that the service hoses from an R-134a recovery unit must have shutoff valves within 18 inches of the end. Who is correct? 1) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B
- 2) The SAE standard J2788 requires improved performance from _____. 2) _____
A) The vehicle heating system B) The R134a refrigerant
C) Recovery and recycling machines D) The seat heaters
- 3) Technician A says that retrofitting a system is simply a matter of recovering the R-12 and recharging it with a drop-in refrigerant. Technician B says that the charge level specification is the same with R-134a as with R-12. Who is correct? 3) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B
- 4) A vacuum pump removes water from the air conditioning system by _____. 4) _____
A) Pulling it into the desiccant B) Boiling it
C) Condensing it D) Mixing it with the oil
- 5) A/C system flushing uses _____ to remove contaminants and oil from the system. 5) _____
A) High pressure shop air B) Steam
C) Microbial fluids D) A special liquid
- 6) Section 609 of the Act gives EPA the power to enforce _____. 6) _____
A) Preventing the release or venting of CFC-12 or HFC-134a
B) Technicians who repair or service CFC-12 and HFC-134a systems must be trained and certified by an EPA-approved organization
C) Technicians are required to use approved equipment to recover and recycle CFC-12 and HFC-134a
D) All of the above
- 7) Technician A says that checking refrigerant odor (HC smell) is a reliable way to check for contaminated refrigerant. Technician B says that refrigerant with more than 2% of a foreign refrigerant normally should be sent off for reclaiming or disposal. Who is correct? 7) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B
- 8) Technician A says that refrigerant charge levels are given in the owner's manual. Technician B says that charge levels are printed on the under-hood decal. Who is correct? 8) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B

9) If an A/C system contains contaminated refrigerant, how can the contaminated refrigerant be removed? 9) _____

- A) The refrigerant cannot be removed.
- B) Use a separate recovery machine that is dedicated to contaminated refrigerant recovery.
- C) Use the R134a equipment along with a special filter.
- D) Vent it to the atmosphere.

10) Two technicians are discussing how to remove refrigerant from a system. Technician A says that you can vent it into the atmosphere as long as it has moisture in it. Technician B says that all refrigerant must be captured. Who is correct? 10) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians A and B
- D) Neither technician A nor B