

Name _____

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

- 1) Safety glasses are worn whenever servicing AC components. 1) _____
A) True
B) False

- 2) A defective thermostat can cause the engine to operate _____. 2) _____
A) too hot
B) too cold
C) either A or B
D) neither A nor B

- 3) Technician A says that all orifice tubes on all vehicles use the same size orifice size. Technician B says that orifice tubes vary the orifice size by application. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

- 4) The radiator usually cools better if the front air dam is removed. 4) _____
A) True
B) False

- 5) Technician A says that vacuum is usually measured in psi. Technician B says vacuum is usually measured in inches of mercury (Hg). Who is correct? 5) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

- 6) Which part **MUST** be used when refitting a vehicle from R-12 to R-134a refrigerant? 6) _____
A) A new condenser
B) A new service fitting and a retrofit label
C) A high pressure cutoff switch
D) Both B and C

- 7) 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? 7) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

8) Two technicians are discussing replacing heater hoses. Technician A says that the replacement hoses should be the same length as the original hoses. Technician B says that the replacement hoses should be cut as short as possible to allow more coolant to flow through the heater core faster. Which technician is correct? 8) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

9) O-rings are usually made from _____. 9) _____

- A) HSN
- B) natural rubber
- C) neoprene
- D) either A or C

10) What is the purpose of evacuating the AC system? 10) _____

- A) To eliminate any moisture inside the system
- B) To remove any foreign substances inside the system
- C) Both A and B are correct
- D) Neither A nor B is correct