

Name _____

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

- 1) As the refrigerant passes through the condenser, it _____. 1) _____
 - A) Condenses from a gas to a liquid
 - B) Gives up latent heat to the air flow
 - C) Is cooled by ambient air
 - D) All of these

- 2) Which unit contains a desiccant to remove moisture from the system? 2) _____
 - A) Receiver-drier
 - B) Accumulator
 - C) Evaporator
 - D) Both A and B

- 3) Heat travels from _____. 3) _____
 - A) Hot to cooler
 - B) Cold to warmer
 - C) Either from hot to cool or the other way depending on the weather
 - D) From outside the vehicle to inside the vehicle

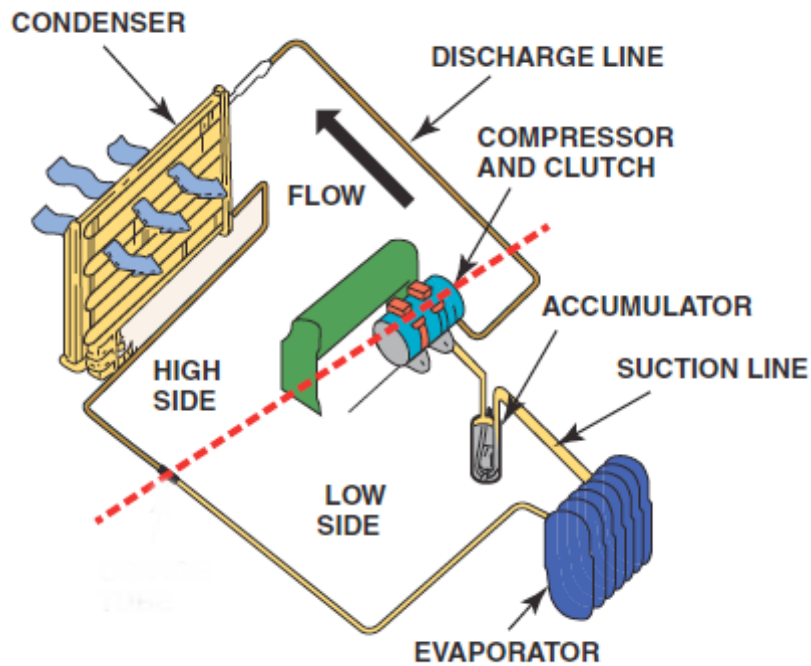
- 4) Desiccant is placed in the receiver-drier or accumulator-drier _____. 4) _____
 - A) As this is the only place that it can be located
 - B) To slow down refrigerant flow
 - C) To absorb moisture from the system
 - D) To trap excess oil in the system

- 5) The high side of the refrigeration cycle means it _____. 5) _____
 - A) Has low pressure and temperature
 - B) Begins at the expansion device and ends at the compressor
 - C) Has higher pressures and temperatures
 - D) The refrigerant boils or evaporates

- 6) In an A/C system, the refrigerant changes state from a _____ in the evaporator. 6) _____
 - A) Liquid to a gas
 - B) Gas to a liquid
 - C) Both A and B
 - D) Neither A nor B

7) What type of A/C system is shown in this diagram?

7) _____



- A) TXV system
- B) Vapor system
- C) Orifice tube system
- D) VAT system

8) What two things are accomplished in the condenser?

8) _____

- A) Latent heat is removed
- B) Refrigerant changes from a gas to a liquid
- C) Both A and B
- D) Neither A nor B

9) Compressing a vapor _____.

9) _____

- A) Increases the pressure and decreases the temperature
- B) Decreases the pressure and increases the temperature
- C) Decreases the pressure and decreases the temperature
- D) Increases the pressure and increases the temperature

10) An accumulator is very similar to a(n) _____.

10) _____

- A) Receiver-drier
- B) Evaporator
- C) Condenser
- D) Orifice tube

Answer Key

Testname: AHAC8_2A

1) D

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2) A

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3) A

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4) C

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5) C

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6) A

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7) C

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8) C

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9) D

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10) A

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