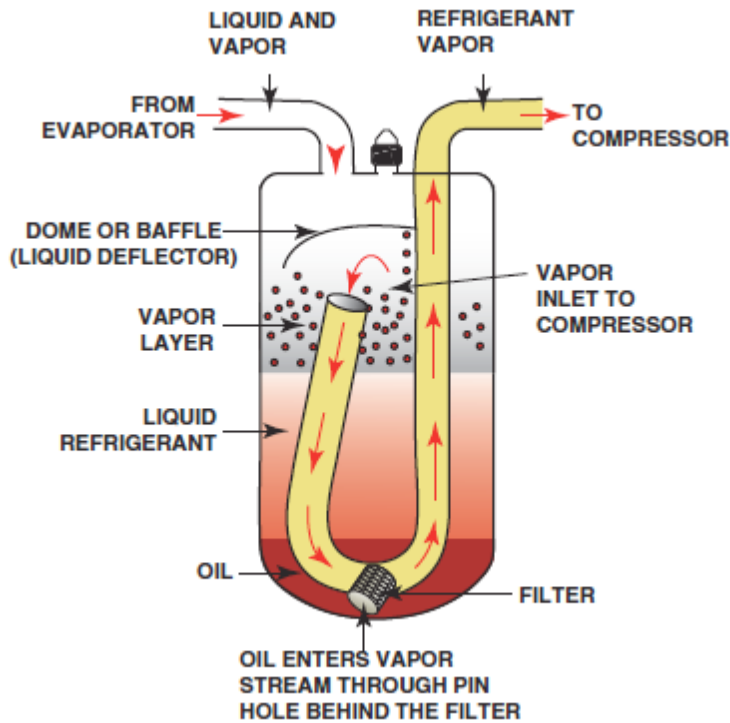


Name _____

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

1) Identify this component.

1) _____



- A) Compressor
- B) Accumulator
- C) Receiver-drier
- D) Refrigerant filter

2) Which of these heat exchangers in an automotive A/C system is located at the front of the vehicle?

2) _____

- A) Evaporator
- B) Condenser
- C) Heater core
- D) None of these are mounted at the front of the vehicle

3) As the latent heat of condensation is transferred to the airstream in the condenser, the refrigerant makes the change into a _____.

3) _____

- A) Liquid
- B) Vapor
- C) Gas
- D) Solid

- 4) The advantages of a TXV system over an orifice tube system include _____. 4) _____
- A) Simpler and cheaper to produce
 - B) Requires a smaller refrigerant charge
 - C) More moving parts
 - D) All of the above
- 5) Various electrical switches used in A/C systems _____. 5) _____
- A) Prevent evaporator icing
 - B) Protect the compressor
 - C) Control fan motors
 - D) All of the above
- 6) The orifice tube is usually located at the inlet tube to the _____. 6) _____
- A) Condenser
 - B) Compressor
 - C) Evaporator
 - D) Receiver-drier
- 7) The pressure cycling switch is usually located on the _____. 7) _____
- A) Fan relay
 - B) Compressor
 - C) Receiver-drier
 - D) Accumulator
- 8) Which of these system types utilizes a receiver-drier? 8) _____
- A) Variable Displacement Orifice Tube System
 - B) Cycling Clutch Orifice Tube System
 - C) Variable Displacement Thermostatic Expansion Valve System
 - D) None of the above
- 9) A fixed-orifice tube _____. 9) _____
- A) Has a temperature sensing capability
 - B) Has a pressure sensing capability
 - C) Is usually located in the evaporator inlet or line to the evaporator
 - D) Has an internal valve
- 10) The liquid line _____. 10) _____
- A) Connects the condenser to the receiver-drier and TXV or OT
 - B) Is smaller than the suction line
 - C) Is larger in diameter than the suction line
 - D) Both A and B

Answer Key

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1) B

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2) B

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3) A

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4) B

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5) D

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6) C

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7) D

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8) C

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9) C

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10) D

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