# Air conditioning Certification Practice Test Exam Questions with Answers.

What is the movement of heat through space called? - Correct answer Radiation

A refrigerant release heat when - Correct answer It condenses

Why is it desirable for refrigerant in the suction line to be slightly superheated? - Correct answer to insure liquid refrigerant does not enter the compressor

A 30 pound cylinder of reclaimed R-22 refrigerant has been stored over night at 70 degrees F. What should be the approximate pressure in the cylinder? - Correct answer 121 psig

14.7 Pisa (pounds per square inch absolute) is - Correct answer Approximately 0 PSIG

What is the main function of an air condition condenser? - Correct answer to remove heat from the refrigerant

Refrigerant R-134a vapor enters the condenser at 124 psig, 100 degrees F. It leaves the condenser at 80 degrees. What will be the approximate pressure? - Correct answer 124 psig (the pressure should not change entering or leaving the condenser)

Which of the following CANNOT be used as a low ambient temperature control? - Correct answer Crankcase regulating valve

When testing the efficiency of a (10 seer are lower) air cooled condenser, the refrigerant condensing temperature should be no more than\_\_\_\_\_ higher than the entering air temperature - Correct answer Approximately 30 degrees F

When testing the efficiency of a water cooled condenser, the refrigerant condensing temperature should be no more \_\_\_\_\_ higher than the leaving water temperature. - Correct answer 10 degrees F

What does a temperature differential across a filter-drier indicate? - Correct answer. Restricted filter-drier

Which of the following symptoms would be indicative of an oil logged evaporator? - Correct answer Reduce heat transfer through the walls of the coil

When using an electronic leak detector, the sensor probe - Correct answer should be moved at approximately 1 inch per second

# **<u>Air Conditioning Test Questions And Answers</u>**

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