

**A/C TEST**

1. What is a BTU? \_\_\_\_\_
2. How many BTU's in a ton of Air conditioning? \_\_\_\_\_
3. When Evacuating a system, to what Hg measurement would you pull the system down to? \_\_\_\_\_
4. What's the difference between a scroll and a hermetic compressor?  
\_\_\_\_\_  
\_\_\_\_\_
5. What does S.E.E.R. stand for? \_\_\_\_\_
6. What is a metering device? \_\_\_\_\_
7. What is an accumulator? \_\_\_\_\_
8. When is a trap used on a suction line? \_\_\_\_\_
9. When using an Ohm meter and testing a compressor, your reading from terminal S through to terminal R, your reading will represent the total of what?  
\_\_\_\_\_  
\_\_\_\_\_
10. What does MFD stand for? \_\_\_\_\_
11. What does a capacitor do? \_\_\_\_\_
12. List three reasons for low suction pressure:
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
13. List 3 reason for high head pressure:
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
14. What is the boiling point of R22 at atmospheric pressure? \_\_\_\_\_
15. What is the most common application of a site glass? \_\_\_\_\_

16. What is a relay and why is it used? \_\_\_\_\_

17. Where is the capacity of an air conditioning system most typically found?  
\_\_\_\_\_  
\_\_\_\_\_

18. What Does a TXV do? \_\_\_\_\_

19. What does a temperature pressure chart tell us? \_\_\_\_\_

20. What does a C F M stand for? \_\_\_\_\_

21. What is a king Valve? \_\_\_\_\_

22. How would you install refrigerant into a typical split air conditioning system?  
Give details.  
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\_\_\_\_\_