# 5.04 Study Guide

1. What flow chart symbol represents decision process?
2. Write three control structures.
3. What is the syntax for If..Then statements?
4. What are Nested If..Then statements? How would you write them?
5. Define ElseIf Ladder.
6. Is Else clause necessary to execute If..Then statements correctly? Why?
7. What is the syntax for Select..Case statements?
8. When do you use Case Is?
9. How do you use range in Select Case?
10. What does Case Else do?
11. When do you use If..Then & when do you use Select..Case statements?
12. What are the logical operators?
13. Write a header for each Compound Boolean Expression.
14. What is Truth Table?
15. Define Short Circuiting.
16. Explain how AndAlso and OrElse evaluates the conditions.
17. Give an example of using IF in assignment statement.
18. Write the code to randomize a variable called intRandom.
19. Write the code to generate random numbers between 5 and 50.
20. Give an example of NextDouble, Next, Next (Int32), and Next (int32, Int32)