Comprehension Check

1. A(n)\_\_\_\_\_\_ allows you to treat a related group of PHP commands as a single unit.
   1. Funciton
2. Functions must contain Parameters. (t/f)
   1. False
3. Explain how to use a return statement to return a value to a statement that calls a function.
   1. You could declare a variable that calls the function, often with a set of parameters. The function has a variable that is the end result of the function then returned using the return statement.
4. A variable that is declared outside a function is called a \_\_\_\_\_\_ variable.
   1. Global
5. A local variable must be declared \_\_\_\_\_.
   1. Within the braces of a function definition.
6. Explain the difference between passing a parameter to a function by value vs by reference.
   1. Passed by value is a local copy of the variable, where a reference is a reference to the original variable.
7. Which of the following is the correct syntax for an if statement?
   1. C
8. An if statement can include multiple statements provided that they \_\_\_\_\_\_\_.
   1. Are contained within a command block
9. Which is the correct syntax for an else clause?
   1. C
10. The switch statement controls program flow by executing a specific set of statements, depending on \_\_\_\_\_\_.
    1. The value returned by a conditional expression
11. Decision-making structures cannot be nested. (T/F).
    1. False
12. When the value returned by a switch statement expression does not match a case label, the statements within the \_\_\_\_\_\_ label execute.
    1. default
13. You can exit a switch statement using a(n) \_\_\_\_\_ statement.
    1. break
14. Each repetition of a looping statement is called a(n) \_\_\_\_\_.
    1. iteration
15. Which of the following is the correct syntax for a while statement?
    1. B
16. Counter variables \_\_\_\_\_. (choose all that apply).
    1. Can be incremented or decremented
17. Explain how an infinite loop is caused.
    1. The loop never ends because its conditional expression is never FALSE
18. Which of the following is the correct syntax for a for statement?
    1. A
19. When is a for statement initialization expression executed?
    1. At the beginning of the for statement. Prior to the conditional evaluation and update portions of a loop.
20. The foreach statement can only be used with arrays. (T/F)?
    1. True