C ++ Chapter 8 Test

Name: _____ Group: _____

_____ 1.) The for loop has _____ parts.

      a) 5   b) 3   c) 1   d) 12

_____ 2.) The ____ parameter stops the for loop.

      a) control   b) stop   c) initialization   d) step

_____ 3.) The ____ parameter changes the counter variable in the for loop.

      a) control   b) stop   c) initialization   d) step

_____ 4.) What category of structures includes loops.

      a) iteration   b) relational   c) logical   d) if

_____ 5.) How many statements can be placed in a loop.

      a) 10 or less   b) unlimited   c) 1   d) 5 or less

_____6.) Write an expression that returns 1 (true) if k is 100 or more.

_____ 7.)   Write an expression that returns 0 (false) if m is = to 5.

_____ 8.) what is the value returned by the following expression?

(((2>3) || (5>4)) && !(3 <=5))

      a) 1   b) 5   c) 0   d) 4   e) 3   f) 2

_____ 9.) what is the value returned by the following expression?
int i=4,j=3;

      (i == j || i < 100);

      a) 1   b) 5   c) 0   d) 4   e) 3   f) 2

_____ 10.) what is the value returned by the following expression?
int i=4,j=3;

      (!(i == j || i < 100));

      a) 1   b) 5   c) 0   d) 4   e) 3   f) 2

_____ 11.) The ____ parameter starts the counter variable in the for loop.
   a) control   b) stop   c) initialization   d) step

_____ 12.) The while loop test the control expression at the ____ of the loop.
   a) beginning   b) end   c) middle   d) none of the above

_____1 3.) You should always use __ when creating structures.
   a) brackets   b) braces   c) semicolons d) parenthesis

_____ 14.) The do - while loop test the control expression at the ____ of the loop
   a) beginning   b) end   c) middle   d) none of the above

_____ 15.) The ___ statement causes the loop to begin the next iteration.
   a) break   b) continue   c) switch   d) else

_____16.) Will this code fragment execute?
   (while !done);

   a) yes b) no

_____1 7.) Will this code fragment execute ?
   for (i = 1; i< =5; i++)

   a) yes b) no

_____ 18.) what is the output of the following code fragment?
   done=1;
   do
   {
   cout << "hello\n" ;
   }
   while (!done);

_____1 9.) what is wrong with the if structure below?

   If (x = y)
   {cout << "x is equal to y\n";}

   cout << "the character entered was a\n";
   break;}

_____ 20.) How many times will the following code fragment iterate?
   for (i=1;i<= 5; i++);