COMPUTER SCIENCE 10TH – MULTIPLE CHOICE QUESTIONS

➡ CONTROL STRUCTURE

Chapter # 04

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1. Loop within loop is said to be.

   (a)   Natural loop   (b) ✓ Nested loop

   (c)   Quantum loop   (d)   None of them

2. ++ operator used within loops increment the value of variable by

   (a) ✓ 1   (b)   2

   (c)   10   (d)   depends on compiler

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3. How many choices are in single if else statement?

   (a)   4   (b) ✓ 2

   (c)   3   (d)   None of these

4. for (int i = 1 , j = 2 ; j <= 7 ; j++) Will the above statement execute?

   (a) ✓ Yes   (b)   No

   (c)   Runtime error   (d)   Compiler time error

5. for( ) loop is used when we need to perform.

   (a)   Sequential logic   (b)   Selection logic

   (c) ✓ Iteration logic   (d)   Parallel logic

6. This loop tests the condition after having executed the statements within the loop.

   (a)   while   (b) ✓ do-while

   (c)   for Loop   (d)   if-else-if

7. When _____ is encountered inside any loop, control automatically passes to the first statement after loop.

   (a)   Continue   (b) ✓ break

   (c)   goto   (d)   return

8.   The keyword used to transfer control from a function back to the calling function is.

(a)   Switch   (b)   goto

(c)   go back   (d) ✔ return

9.   Which is not a loop structure in C++?

(a)   do-while( )   (b)   while( )

(c) ✔ repeat – until( )   (d)   for( )

10. This loop is appropriate when execution is not known:

(a)   for   (b) ✔ while

(c)   do-for   (d)   none of these

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11. The continue statement cannot be used with.

(a)   for( )   (b)   while( )

(c)   do-while( )   (d) ✔ switch( )

12. This loop is appropriate when its execution is known.

(a) ✔ for   (b)   while

(c)   do-while   (d)   none of these

13. The control structure do while loop is.

(a)   Sequence   (b)   Selection

(c) ✔ Iteration   (d)   Random

14. This loop is appropriate when its body is executed at least once:

(a)   for   (b)   while

(c) ✔ do-while   (d)   none of these

15. This loop uses post testing.

(a)   for( )   (b) ✔ do- while( )

(c)   while( )   (d)   None of these

16. To perform a set of instructions repeatedly which of the following can be used?

    (a)   for   (b)   while

    (c)   if-else-if   (d) √ Both a & b

17. The continue statement performs:

    (a)   continue the statement   (b)   break the statement

    (c) √ Skip the statement   (d)   None of these

18. How many types of loops are there in C++?

    (a) √ 3   (b)   2

    (c)   1   (d)   None of these

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19. Using goto inside for loop is equivalent to using.

    (a)   Continue   (b)   Break

    (c)   Return   (d) √ None of these

20. A switch statement is used to.

    (a)   Use switching variable

    (b)   Switch between function in a program

    (c)   Switch from one variable to another variable

    (d) √ Choose from multiple possibilities which may arise due to different values of a single variable

21. do-while loop terminates when conditional expression returns?

    (a)   One   (b) √ Zero

    (c)   Non – zero   (d)   None of these

22. What is the effect of writing a break statement inside a loop?

    (a) √ It cancels remaining iterations

    (b)   It skips a particular iteration

    (c)   The program terminates immediately

    (d)   Loop counter is reset

23. If you have to make decision based on multiple choices, which of the following is best suited?

(a) if
(b) if-else
(c) √ if-else-if
(d) All of these

24. If the variable count exceeds 100, a single statement that prints "Too many" is.

(a) if (count < 100) cout << "Too many";
(b) if (count > 100) cout >> "Too many";
(c) √ if (count > 100) cout << "Too many";
(d) None of these.

25. The break statement causes an exit.

(a) From the innermost loop only
(c) From all loops & switches
(b) Only from the innermost switch
(d) √ From the innermost loop or switch

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