

Time: One Hour

Max. Marks: 50

Instructions :

- Solve any 25 questions from Q 1 to Q 30
- Solve any 25 questions from Q 31 to Q 60

- 1 Which is the father of C Language.....
- (A)Bjarne Stoustrup (B)James A Goling (C)Dennis Ritchie (D)All of the above
- 2 C language developed at
- (A)AT & TS bell Laboratories of USA in 1972 (B)AT & TS bell Laboratories of USA in 1970 (C)Both (D)All of the above
- 3 Primary developed as.....
- (A)System Programming Language (B)General purpose language (C)Data processing Language (D)Non of the above
- 4 Which one of the following is not a reserved keyword
- (A)Auto (B)Case (C)Main (D)Default
- 5 AC Variable cannot start with
- (A)A number (B)A special symbol other than (C)Both (D)All of the above
- 6 Which one of the following is not valid identifier
- (A)-examveda (B)1examveda (C)exam_veda (D)All of the above
- 7 Which is the only function all C programs must contain.
- (A)Start() (B)System() (C)Mani() (D)All of the above
- 8 Which of the following is not a correct variable types.
- (A)Float (B)Real (C)Char (D)int
- 9 What is the difference between a declaration and definition of a variable .
- (A)Both can occur multiple times, but a declaration must occur first (B)A definition occur once, but a declaration may occur many times (C)Both (D)Non of the above
- 10 Which of the following statement about for loop is true
- (A)Index value is retained outside the loop (B)Index value can be changed from within the loop (C)Go to can be used to jump, out of the loop (D)All of the above
- 11 Decision Control Statement in C can be implemented using
- (A)if (B)if- else (C)Conditional operators (D)All of the above
- 12 Which of the following is binary operator
- (A)&& (B)|| (C)Both (D)!
- 13 The conditional operator are also known as
- (A)Relational operator (B)Binary operator (C)Ternary operators (D)Chary operator
- 14 $y = (x > 5 ? 3 : 4);$
The above statement is a
- (A)Compilation operator (B)Algebraic operator (C)Binary operator (D)Non of the above
- 15 Which of the following operator reverses the result of expression it operators on
- (A)! (B)|| (C)&& (D)All of the above
- 16 Which of the following operators are used for logical execution?
- (A)|| (B)&& (C)%% (D)&& and ||
- 17 To perform decision depending on the fulfillment of certain criteria, _____ is used.
- (A)if (B)else (C)for (D)if and else
- 18 Which of the following is branching statement of C language.
- (A)if statement (B)if...else statement (C)switch statement (D)All of these
- 19 _____ is the built in multi way decision statement in C.
- (A)for (B)Switch (C)if (D)While
- 20 if and switch statements are examples of control statements in C.
- (A)TRUE (B)FALSE (C)Both (D)None of these
- 21 if the Boolean expression of if statement evaluates to _____, then the block of code inside the if statement will be executed.
- (A)FALSE (B)TRUE (C)Both (D)None of these
- 22 In the following loop construct, which one is executed only once always.
for (exp1; exp2; exp3)
- (A)exp1 (B)exp3 (C)exp1 and exp3 (D)exp1, exp2 and exp3
- 23 The continue statement cannot be used with
- (A)For (B)While (C)Do while (D)Switch
- 24 Go to can be used to jump from main to within a function

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- (A)TRUE (B)FALSE (C)Both (D)All of the above
- 25 Which loop is guaranteed to execute at least one time.
(A)For (B)While (C)Do while (D)None of the above
- 26 Name the loop that executes at least once.
(A)For (B)If (C)Do -while (D)While
- 27 A labeled statement consist of an identifier followed by
(A); (B): (C), (D)=
- 28 Do-while loop terminates when conditional expression returns?
(A)One (B)Zero (C)Non - zero (D)None of the above
- 29 For loop in a C program, if the condition is missing
(A)it is assumed to be present and taken to be false (B)it is assumed to be present and taken to the true (C)it result in a syntax error (D)execution will be terminated abruptly
- 30 Using goto inside for loop is equivalent to using
(A)Continue (B)Break (C)Return (D)None of the above
- 31 If switch feature is used, then
(A)Default case must be present (B)Default case, if used, should be the last case (C)Default case, if used, can be placed anywhere (D)None of the above
- 32 Which of the following comments about for loop are correct
(A)Using break is equivalent to using a goto that jumps to the statement immediately following the loop (B)Continue is used to by-pass the remainder of the current pass of the loop (C)If comma operator is used, then the value returned is the value of the right operand (D)All of the above
- 33 In _____, the bodies of the two loops are merged together to form a single loop provided that they do not make any references to each other.
(A)Loop unrolling (B)Strength reduction (C)Loop concatenation (D)Loop jamming
- 34 $C = (n) ? a : b$; can be rewritten as $exp1 ? exp2 : exp3$;
(A)if(n){c = a;}else{c = b;} (B)if(!n){c = a;}else{c = b;} (C)if(n){c = b;}else{c = a;} (D)None of the above
- 35 C programming language assumes any non-zero and non-null values as true.
(A)Statement is True (B)Statement is False (C)Both (D)All of the above
- 36 A "switch" statement is used to
(A)Switch between functions in a program (B)Switch from one variable to another variable (C)To choose from multiple possibilities which may arise due to different values of a single variable (D)All of above
- 37 Choose the statements that are syntactically correct
(A)* Is /* this a valid */ comment */ (B)For (; ;) ; (C)Return; (D)Both (b) & (c)
- 38 Choose the correct answers
(A)For loops can be nested (B)Nested for loop can't overlap (C)Both (a) & (b) (D)None of the above
- 39 Break statement can be simulated by using
(A)Go to (B)return (C)exit (D)any of the above features
- 40 What is the maximum number of dimensions an array in C may have?
(A)Two (B)Eight (C)Sixteen (D)Theoretically no limit. The only practical limits are memory size and compilers
- 41 A one dimensional array A has indices 1.....75. Each element is a string and takes up three memory words. The array is stored at location 1120 decimal. The starting address of A[49] is
(A)1264 (B)1164 (C)1167 (D)1267
- 42 Array can be considered as set of elements stored in consecutive memory locations but having _____.
(A)Same data type (B)Different data type (C)Same scope (D)None of these
- 43 Array is an example of _____ type memory allocation.
(A)Compile time (B)Run time (C)Both (D)Non of the above
- 44 Size of the array need not be specified, when
(A)Initialization is a part of definition (B)It is a formal parameter (C)It is a declaratrion (D)All of the above
- 45 The parameter passing mechanism for an array is
(A)call by value (B)call by reference (C)call by value-result (D)None of the above
- 46 A string that is a formal parameter can be declared
(A)An array with empty braces (B)A pointer to character (C)Both A and B (D)None of the above
- 47 Which of the following function is more appropriate for reading in a multi-word string?
(A)scanf() (B)printf() (C)gets() (D)puts()
- 48 Length of the string "letsfindcourse" is
(A)13 (B)14 (C)15 (D)12
- 49 If the two strings are identical, then strcmp() function returns
(A)-1 (B)1 (C)0 (D)None

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50 Which of the following statements are correct ?

- 1: A string is a collection of characters terminated by " .
- 2: The format specifier %s is used to print a string.
- 3: The length of the string can be obtained by strlen().
- 4: The pointer CANNOT work on string.

(A)1,2,3 (B)1,2 (C)2,4 (D)3,4

51 Let x be an array. Which of the following operations is illegal?

- i) ++x.
- ii) x+1.
- iii) x++.
- iv) x*2.

(A)I and II (B)I, II and III (C)II and III (D)I, III and IV

52 The library function used to find the last occurrence of a character in a string is

(A)strnstr() (B)laststr() (C)strchr() (D)strstr()

53 An array elements are always stored in _____ memory locations.?

(A)Sequential (B)Random (C)Sequential and Random (D)None of the above

54 Which is true about the given statement ?

```
int arr[10] = {0,1,2,[7]=7,8,9};
```

(A)Compilation Error (B)Run-time Error (C)This is allowed in C (D)None of the above

55 What will happen if in a C program you assign a value to an array element whose subscript exceeds the size of array?

(A)The element will be set to 0. (B)The compiler would report an error. (C)The program may crash (D)None of the above

56 Which of the following is an invalid if-else statement?

(A)if (if (a == 1)){} (B)if (a){} (C)if ((char) a){} (D)if (func1 (a)){}

57 Which loop is faster in C Language, for while or do while

(A)for (B)while (C)do while (D)All work at same speed

58 Choose a right C Statement

(A)Loops or Repetition block executes a group of statements repeatedly. (B)Loop is usually executed as long as a condition is met. (C)Loops usually take advantage of Loop Counter (D)All the above.

59 Loops in C language are implemented using

(A)While block (B)For block (C)Do while block (D)All of the above

60 What is the way to suddenly come out of or quit any loop in C language

(A)continue; statement (B)break; statement (C)leave; statement (D)quit; statement