Paper Code - 3061

B C A Sem – I (Old Course)

July-Sep – 2021

BCA- 101- Fundamentals of Programming Language 'C'

કુલ સમય :– ૩૦ મીનીટ કુલ પ્રશ્નો : ૩૫ વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૨૫

નોંધ : વિદ્યાર્થીએ માત્ર ૨૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૨૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1 C is a which level language?
A) Low Level B) High Level C) Low + High D) None

2 An Identifier may contain?
A) Letters a-z, A-Z in Basic character set. Unicode alphabet characters other languages
B) Underscore _ symbol C) Numbers 0 to 9 Unicode Numbers in other languages D) All the above

3 Find an integer constant.
A) 3.145 B) 34 C) "125" D) None of the above

4 Number of Keywords present in C Language are :
A) 32 B) 34 C) 62 D) 64

5 C is _____ type of programming language:
A) Object Oriented B) Procedural C) Bit level language D) Functional

6 Range of signed char and unsigned char are:
A) -128 to +127 0 to 255 B) 0 to 255 -128 to +127 C) -128 to -1 0 to +127 D) 0 to +127 -128 to -1

7 Name the loop that executes at least once.
A)For B)If C)do-while D)while

8 Which of the following is not an arithmetic operation?
A) a * = 10; B) a / = 10; C) a ! = 10; D) a % = 10;

9 What is the result of logical or relational expression in C?
A) True or False B) 0 or 1
C) 0 if an expression is false and any positive number if an expression is true D) None of the mentioned

10 Which expression has to be present in the following? exp1 ? exp2 : exp3;
A)exp1 B)exp2 C)exp3 D) all of the mentioned

11 A C variable name can start with a ____
A)Number B)Plus Sign (+) C)Underscore D)Asterisk (*)

12 Which of the following data type will throw an error on modulus operation(%)?
A) char B) short C) int D) float

13 Which datatype can accept the switch statement?
A) int B) char C) long D) all of the mentioned

14 Which loop is most suitable to first perform the operation and then test the condition?
A) for loop B) while loop C) do-while loop D) none of the mentioned

15 How do you accept a Multi Word Input in C Language.?
A) SCANF B) GETS C) GETC D) FINDS

16 Each statement in a C program should end with.?
A) Semicolon ; B) Colon : C) Period . (dot symbol) D) None of the above.

17 What is the Format specifier used to print a String or Character array in C Printf or Scanffunction.?
A) %c B) %C C) %s D) %w

18 What is the ASCII value of NULL or \0.?
A) 0 B) 1 C) 10 D) 49

19 The keyword 'break' cannot be simply used within
A) do-while B) if-else C) for D) while

20 goto can be used to jump from main() to within a function.
A) true B) false C) depends D) varies

21 Choose a correct statement about C String. charary[]="Hello..!";
A) Character array, ary is a string. B) ary has no Null character at the end
C) String size is not mentioned D) String can not contain special characters.

22 Which keyword is used to come out of a loop only for that iteration?
A) break B) continue C) return D) none of the mentioned

23 Size of float, double and long double in Bytes are.?
A) 4, 8, 16 B) 4, 8, 10 C) 2, 4, 6 D) 4, 6, 8

24 Choose a correct statement about C String.
A) A string is a group of characters enclosed by double quotes.
B) If a string is defined with double quotes, NULL is automatically added at the end.
C) Size of a string is without counting NULL character at the end
D) All the above

25 Libray function getch() belongs to which header file?
A) stdio.h B) conio.h C) stdlib.h D) stdlibio.h
26 What is sizeof() in C?
A) Operator B) Function C) Macro D) None of these
27 How many loops are there in C
A) 2 B) 3 C) 4 D) 1
28 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.
29 A C string elements are always stored in.?
A) Random memory locations B) Alternate memory locations
C) Sequential memory locations D) None of the above
30 Every C Variable must have.?
A) Type B) Storage Class C) Both Type and Storage Class D) Either Type or Storage Class
31 Which one is not a reserve keyword in C Language?
A)auto B)main C)case D)register
32 Identify wrong C Keywords below.
A) union, const, var, float B) short, unsigned, continue, for
C) signed, void, default, goto D) sizeof, volatile, do, if
33 Which of the following operators has the lowest precedence?
A) != B) && C) ?: D) ,
34 What is the default C Storage Class for a variable.?
A) static B) auto C) register D) extern
35 Choose a correct C Statement regarding for loop. for(; ;);
A) for loop works exactly first time B) for loop works infinite number of times
C) Compiler error D) None of the above
36 C was primarily developed as
A)System programming language B)General purpose language
C)Data processing language D)None of the above.
37 C language is used in the development of .?
A) Databases B) Graphic applications C) Word Processors D) All of the above
38 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
39 Choose a correct C statement about String functions.?
A) int n=strlen("abc") returns 3. B) strupr("abc") returns ABC
C) strlwr("Abc") returns abc D) All the above
40 What is right way to Initialize array?
A)intnum[6] = { 2, 4, 12, 5, 45, 5 }; B)int n{} = { 2, 4, 12, 5, 45, 5 };
C)int n{6} = { 2, 4, 12 }; D)int n(6) = { 2, 4, 12, 5, 45, 5 };
41 Which of the following operators has an associativity from Right to Left?
A) <= B) << C) == D) +=
42 Who is known as the father of C Language ?
A)James A. Sosling B)VjarneStroustrup C) Dennis Ritchie D) Dr. E. F. Codd
43 Expand or Abbreviate ASCII with regard to C Language.
A) Australian Standard Code for Information Interchange B) American Standard Code for Information Interchange
C) American Symbolic Code for Information Interchange D) Australian Symbolic Code for Information Interchange
44 An array Index starts with.?
A) -1 B) 0 C) 1 D) 2
45 An array elements are always stored in _____ memory locations.
A) Sequential B) Random C) Sequential and Random D) None of the above
46 Which of the following is a ternary operator?
A) && B) >>= C) ?: D) ->
47 What is an Array in C language.?
A) A group of elements of same data type. B) An array contains more than one element
C) Array elements are stored in memory in continuous or contiguous locations. D) All the above.
48 What is the maximum number of dimensions an array in C may have?
A) 2 B) 8 C) 20 D)Theoratically no limit. The only practical limits are memory size and compilers.
49 What are C ASCII character ranges.?
A) A to Z = 65 to 91 B) a to z = 97 to 122 C) 0 to 9 = 48 to 57 D) All the above
50 When C Language was invented?
A) 1970 B) 1972 C) 1978 D) 1979