

ASSIGNMENT: 8

Exam related important questions

Q: 1 One marks questions.

1. The C languages consist of _ number of keywords. [32]
2. Which format specifier is used to print the values of double type variable. [%ld]
3. C programming language was developed by [Dennis Ritchie]
4. The operator & is used for [Bitwise AND]
5. All keywords in C are in _____ [LowerCase letters]
6. Which of the following cannot be a variable name in C? [volatile]
7. scanf() is a predefined function in _____ header file. [stdio.h]
8. The size of a union is determined by the size of the _____ [Biggest member in the union]
9. An array of similar data types which themselves are a collection of dissimilar data type are _____ [Array of Structure]
10. Comment on an array of the void data type. [You cannot have an array of void data type]
11. What is variable?
12. What is constant?
13. What is main difference between variable and constant?
14. What are major disadvantages of machine code?
15. Give the general syntax of conditional operator?
16. Which are relational operator?
17. Which are logical Operators?
18. Which are Bitwise Operators?
19. Which are unformatted input output functions?
20. Which are formatted input output functions?
21. What is the use of getchar() function?
22. What is the use of getch() function?
23. What is the use of getche() function?
24. Give syntax of simple if stmt
25. Give syntax of simple if – else stmt
26. Give syntax of simple nested if – else stmt?
27. Define Program
28. What is nested loop?
29. What is process loop?
30. What is Syntax Error?
31. What is Logical Error?
32. What is Run Time Error?
33. Define Array
34. Give general Syntax to declare One dimensional array
35. Give general Syntax to declare two dimensional array
36. What is function?
37. What is built in function?
38. What is use of return statement?

39. What is the use of strcat() function?
40. What is the use of strcmp() function?
41. What is the use of strlen() function?
42. What is the use of strcpy() function?
43. What is recursive function?
44. What do you mean by call by value?
45. What do you mean by call by reference?
46. What is pointer?
47. What is structure?
48. What is main difference between structure and union?
49. What is use of typedef?
50. Whether Structured programming helps in reducing errors?

Q: 2 Five marks questions.

1. Enlist the features of C.
2. Explain different data types used in C language?
3. Explain type identifiers in C?
4. Explain in brief structure of C programming?
5. What is operator enlist all operators used in C?
6. Explain all escape sequence in C?
7. What is data type explain the any four data types used in C language?
8. Explain the difference between '=' and '==' operator explain with example?
9. Write a short note precedence & order of evaluation?
10. Differentiate between relational and logical operators used in C?
11. Write short note on Input & Output functions used in C (i.e. print & scanf) functions?
12. What is variable? What are the rules for defining variables?
13. Differentiate between local variable and global variable?
14. Explain symbolic constants used in C?
15. Explain all bitwise operator with suitable example.
16. Explain printf() function with an example
17. Explain scanf() function with an example
18. Explain syntax and use of Do__While statement
19. Which looping statements does C provides? Explain any one.
20. What is Nested if else explain with an example?
21. Explain nested for loop with an example
22. What is array? How to declare array? Explain with suitable example.
23. Explain one dimensional array with an example
24. Explain Two dimensional array with an example
25. Explain applications of array.
26. Explain any 4 string functions with suitable example?
27. What is the difference between call by value and call by reference?
28. What is recursion explain with suitable example.
29. What is function ?how function is defined.
30. Explain all calling methods of User Define Function (UDF).

31. What is structure? explain with suitable example
32. Explain array of structure with example
33. Explain Nested structure with example.
34. Distinguish between Structure and Union
35. Differentiate structure and array

Q: 3 Programming Questions:

1. Write a C language program to display the largest element in the matrix.
2. Write a C language program to check whether given number is prime or not.
3. Write a C language program to count number of lines and words in a file.
4. Write a C language program to read two matrices and multiply them
5. Write a program to check whether the blood donor is eligible or not for donating blood. The conditions laid down are as under. Use if statement.
 - (a) Age should be above 18 years but not more than 55 years.
 - (b) Weight should be more than 45 kg.
6. Write a program to enter a character through keyboard. Use switch case structure and print appropriate message. Recognise the entered character whether it is a vowel, a consonant, or a symbol.
7. Write a program to enter a single character either in lower or capital case. Display its corresponding ASCII equivalent number. Use the while loop for checking ASCII equivalent numbers for different characters. When capital 'E' is pressed, program should terminate.
8. Write a program to factorial for give number with user define function.
9. Write a program to display odd numbers from 1 to 99 using a user-defined function.
10. Write a program to calculate the result of the following with recursive calls of function.
 - (a) $x = 1+2 +3+4+....n$
 - (b) $x = 1!+2! +3!+...n$

