



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2014

CS 1505 - PROGRAMMING IN C

Date : 07/11/2014
Time : 01:00-04:00

Dept. No.

Max. : 100 Marks

SECTION - A

ANSWER ALL THE QUESTIONS:

(10 x 2=20 marks)

1. Define keywords.
2. Define flowchart.
3. Define arrays
4. What are control statements?
5. What are strings?
6. Define pointers.
7. What are functions?
8. Define recursion.
9. What are enumerated data types?
10. State the difference between structure and union.

SECTION – B

ANSWER ALL THE QUESTIONS:

(5x8=40 marks)

11. a. Explain data types in C.
(Or)
b. Draw a flow chart to check the number is odd or even.
12. a. Discuss about looping control structure.
(Or)
b. Explain multidimensional array.
13. a. Explain string handling functions.
(Or)
b. Explain array of pointers.
14. a. Write a C program to print the factorial of a given number.
(Or)
b. How will you pass arguments to a function?
15. a. Explain command line arguments.
(Or)
b. How will you open and close a data file?

SECTION – C

ANSWER ANY TWO QUESTIONS:

(2 x20=40 marks)

16. a. Explain formatted output function.
b. Explain branching control structure.
17. a. How will you pass array to a function?
b. Write a C program to print the addition of two matrix.
18. a. Discuss about storage class
b. Explain structure with an example.

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