15U224 (Pages:2) Name.....................

Reg. No..................

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, JUNE 2016
(CUCBCSS – UG)
(Complementary Course: Computer Science)
CC15U CSC2 C02 – Programming in C
(2015 Admission)

Time: Three Hours   Maximum: 64 Marks

PART A

Answer all questions. Each question carries one mark

1. Define C tokens.

2. The beginning of a new line in C is implemented using the escape character_____.

3. A Union is a _____ data type.

4. Which is the function in C for finding square root?.

5. Which is the function used to read from console?

6. Write the format of printf().

7. What is the Syntax of for loop

8. malloc() is used for -----------------------

9. What value will z contain after the following sample code statements are executed?

   int z, x=3,y= -5;
   z= ++x-y++;

(9 x 1 = 9 marks)

PART B

Answer all questions. Each question carries 2 marks

10. What is Operator Precedence and Associativity?

11. Define function?

12. What are the memory management functions in c.

13. List categories of C operators

14. Differentiate between getchar() and gets().

(5 x 2 = 10 marks)

PART C

Answer any 5 questions. Each questions carries 5 marks.

15. Write a C program to find a factorial of a number

16. Explain Arithmetic and Logical Operators in C

17. What are the file handling functions? Explain

18. What are the storage classes available in C

19. Short note on two dimensional arrays

20. Write a program to check whether an input number is negative or positive.

21. Compare and contrast while and do while

22. What is call by value and call by reference?

(5 x 5 = 25 mar

PART D

Answer any two questions. Each question carries 10 marks

29. Write on various I/O functions with syntax and example

30. Explain pointers in detail

31. Explain user defined functions in detail

(2 x 10 = 20 mar

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