

Code: 20213

B.Sc. (IT) Semester – 1 (CBCS) New
Paper No. CC-104 Introduction of C Language

Time: 02:30 Hours

OCT-NOV-2017

Total Marks: 70

- Q.1 (a) Draw flow chart to find out maximum number from three given number. [7]
(b) Write Note on Data Type in C [7]
- OR**
- Q.1 (a) What do you mean by variable? Give rules for naming variable. [7]
(b) Write algorithm to find out minimum number from three give number. [7]
- Q.2 (a) What do you mean by operator? Explain different types of operator in C [7]
(b) Write note on while loop. [7]
- OR**
- Q.2 (a) Explain For loop in C [7]
(b) Explain simple if and if-else statements. [7]
- Q.3 (a) What do you mean by array. Explain method of declaration , initialization of 1-D array and 2-D array. [7]
(b) Write program to sort array of five elements using bubble sort. [7]
- OR**
- Q.3 (a) Write note on 2-D Array. [7]
(b) Write program to search element from array of 10 elements using binary search. [7]
- Q.4 (a) Explain function : strcpy(),strcat(), strcmp and strlen() [7]
(b) What do you mean by string? Explain method of reading and write of string using terminal. [7]
- OR**
- Q.4 (a) Explain function: ceil(), Floor(), pow() and abs(). [7]
(b) Explain method of declaration and initialization of string and char data in C. [7]
- Q.5 (a) What do you mean by function? Explain basic elements of user define function. [7]
(b) Explain different category of function. [7]
- OR**
- Q.5 (a) Explain method of passing array as function argument. [7]
(b) Explain concept of call by value and call by reference. [7]