

Half Yearly Examination 2020-21

B.Sc. 1st Year (Computer Science)

Software

Paper Second

Max.M.= 50

Note:- Attempt any two questions from each Section . Each question carries equal marks.

Section-I

1. Write a note on operators with its precedence and associativity in 'C'.
2. What do you understand by data types? Explain various data type with its Memory allocation.
3. Write a program to calculate average of three numbers.

Section –II

1. Write a program in C to find the greatest number among the three numbers.
2. What do you mean by user defined function? Explain category of functions.
3. Write shorts notes **any two** of the following:
 - a) Call by value
 - b) Switch case statement
 - c) goto statement

Section -III

1. What do you mean by array? Write different types of array.
2. Define strings. Discuss any 3 string functions.
3. Write shorts notes **any two** of the following:
 - a. Structures
 - b. Union
 - c. Enum

Section -IV

1. Write a program in C to check odd and even numbers .
2. Differentiate while loop and do-While Loop and explain with example.
3. Explain terms Keywords and identifiers

Section –V

1. Explain the structure of C program.
2. Write a program in C to multiply two matrices.
3. Explain some input and output functions in C.

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