

SHRI RAMSWAROOP MEMORIAL UNIVERSITY

PROBLEM SET - II

Session : 2023-24(Even Sem.) **Semester** : II
Course : BCA and BSc-IT **Subject Code** : 2003UCS
Branch : ALL **Subject Name** : Structure Programming Using C
Group : ALL **Name of Faculty** : Mr ATUL VERMA/ Mr Nirbhay Tiwari
Member
Unit : II **Topic Covered** : Function

S. No.	Questions
1	Give the Example of Compound Statements.
2	What is I/O console function? Explain at least 2 function.
3	Describe the parameter Passing.
4	Discuss the term Recursion explain it with example.
5	Write a C program to print Fibonacci series using recursive function.
6	Write a C program to print factorial of given number using recursive function.
7	Differentiate between call by value and call by reference with example.
8	Explain Storage classes with their types.
9	Illustrate the use of Auto storage class with example.
10	Illustrate the use of extern storage class with example.
11	Write a C program to perform Swapping of values on two variables using function.
12	Differentiate between function definition and function declaration with example.

References:

Text Books :

T1. Balagurusamy, "Computing Fundamentals and C Programming" TMH

T2. Reema Thareja "Computing Fundamentals and C Programming"

Reference Books :

R1 Yashwant Kanetkar "Let Us C", Pearson

(Signature of the Faculty Member with date)

(Signature of the Dean with date)

