

Course Code: U23CS101



LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY (UGC Autonomous)

Approved by AICTE | Recognized by Government of Telangana | Affiliated to Osmania University
Accredited by NBA | Accredited with 'A' grade by NAAC | Accredited by NABL

B.E-I SEMESTER, CONTINUOUS INTERNAL EVALUATION-II, January, 2024

Programming for Problem Solving
Common to: CE, CSE, MECH & CSD

Date: 31-01-2024 FN

Max. Marks :20

Time: 60 min.

Instructions to the Students:

- Question No. 1 is Compulsory
- Answer any 2 Questions from Q.No.2 - Q.No.4

CO BTL

1.	A.	Define function definition in C with an example?	[2]	CO4	BTL4
	B.	What are the advantages and disadvantages of recursion?	[2]	CO5	BTL2
	C.	How to initialize a pointer variable.	[2]	CO6	BTL4
2.		Explain function call, function definition and function prototype with help of C program.	[7]	CO4	BTL 2
3.		Write a C program to store 5 fields (Name, Roll Number, Branch, Subject and Marks) of students and display the same using structure.	[7]	CO5	BTL 4
4.		Describe linked list with its application.	[7]	CO6	BTL 3

Bloom's Taxonomy Levels (BTL)

I. Remembering	II. Understanding	III. Applying	IV. Analyzing	V. Evaluating	VI. Creating
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