

Hall Ticket No:

LR23

Course Code:U23CS101



# LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY

## (UGC Autonomous)

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**B.E-I SEMESTER, CONTINUOUS INTERNAL EVALUATION-I, Nov,2023**

### PROGRAMMING FOR PROBLEM SOLVING

(Common for CE/MECH/CSE & CSD)

Time: 60 min.		25-11-2023 (FN)		Max. Marks: 20	
Instructions to the Students:					
• Question No. 1 is Compulsory					
• Answer any 2 Questions from Q.No.2 –Q. No4				CO	BTL
1	a.	Compare between Compiler and Interpreter.	[2]	CO1	BTL2
	b.	Write a C program to print first N natural Numbers using for loop?	[2]	CO2	BTL2
	c.	Define Searching and Sorting techniques.	[2]	CO3	BTL2
2		Explain the basic structure of C program with a program example.	[7]	CO1	BTL2
3		Write a C program to check if the given string is palindrome or not.	[7]	CO2	BTL4
4		Write Linear search algorithm and Explain how it works with an example.	[7]	CO3	BTL3

#### Bloom's Taxonomy Levels (BTL)

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