

QP Code: D 122589		Total Pages: 1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2025			
BCA			
BCA2CJ101- Fundamentals of Programming (C Language)			
2024 Admission onwards			
Maximum Time :2 Hours			Maximum Marks :70
Section A			
All Questions can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)			
1	List out the basic data types.		
2	Differentiate increment and decrement operators.		
3	Explain about mathematical functions.		
4	Describe the working of conditional operator.		
5	Describe about nesting of functions.		
6	Explain about operator precedence.		
7	Explain about the syntax of for loop.		
8	How can we read strings?		
9	Define recursion.		
10	Explain about function definition.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)			
11	Explain the structure of C program with an example.		
12	Explain about different types of looping structures.		
13	Explain about string handling functions.		
14	Differentiate structure and union.		
15	How can we pass arrays to functions?		
16	Describe about various categories of functions.		
17	Explain the concept of pointers.		
18	Explain about dynamic memory allocation.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	Explain in detail about C tokens.		
20	Explain about 2D arrays in detail.		