

QP Code: D136561		Total Pages: 1	Name:
		Register No.	
FIRST SEMESTER B.VOC (CUFYVP) REGULAR EXAMINATION NOVEMBER 2025			
DATA SCIENCE AND ANALYTICS			
DSA1CJ102 Programming in C			
2025 Admission			
Maximum Time :2 Hours		Maximum Marks :60	
Section A			
All Questions can be answered. Each Question carries 3 marks (Ceiling : 20 Marks)			
1	Define algorithm.		
2	Define token in C.		
3	Explain operator precedence.		
4	Define decision making statement.		
5	Explain goto statement.		
6	Explain nested loops.		
7	Explain conditional operator.		
8	Define array.		
9	Define null character.		
10	Define call by value.		
11	Explain auto storage class.		
12	Explain pointer initialization		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 30 Marks)			
13	Explain the structure of a C program.		
14	Explain assignment operators.		
15	Explain if-else statement.		
16	Explain jump statements.		
17	Differentiate gets() and fgets().		
18	Differentiate structure and union.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	What is function? Explain different classification of user defined functions based on parameter passing and return type with examples		
20	What is structure? Explain C syntax of structure declaration with example		