

MODEL PAPER (REFERENCE ONLY)

B.E.I SEMESTER END EXAMINATION (MAIN) JAN-FEB 2025

Subject: C Programming

Branch: CSE & Civil

Time: 3 hours

Max Marks: 60M

Note: This Question Paper contains two Parts A and B

- **Part A is compulsory which carries 12 marks. Answer all the questions.**
- **Answer any 4 questions out of 6 Questions in Part-B. Each question carries 12 marks.**

PART-A 6Q x 2M =12 Marks		CO	BTL	Marks
Answer All the Questions				
1 a.	Define operating system	1	1	2M
b.	List keywords in C language	1	1	2M
c.	Show the use of jump statement	5	2	2M
d.	Outline a few library functions	3	2	2M
e.	What is macro's preprocessor	4	1	2M
f.	Define malloc function	5	1	2M
PART-B 4Q x 12M =48Marks				
Answer any Four (4) Questions				
2 a)	Explain different operators in C	1	2	6M
b)	Constructs an algorithm for some of individuals (digits)	1	3	6M
3 a)	Explain an arithmetic expression And precedence	2	2	6M
b)	Illustrate a program of calculator using switch statement	2	2	6M
4 a)	Build a difference between actual and formal parameters	3	3	6M
b)	Construct a program of Fibonacci series	3	3	6M
5 a)	Define Union. Demonstrate with student example	4	3	6M
b)	Construct and display an employee Union with Ename, Eid, Age, Esal, DOJ	4	2	6M
6 a)	Name different types of pointers	5	1	6M
b)	Select few random access file functions	5	3	6M
7 a)	Explain in detail about file handling functions	5	2	6M
b)	List different C data types in detail	1	1	6M