Reg. No.:						

Question Paper Code: U3826

B.E./B.Tech. DEGREE EXAMINATION, NOV 2023

Third Semester

Electronics and Communication Engineering

21UIT326- FUNDAMENTALS OF C PROGRAMMING

(Regulation 2021)

Dura	aximum:	num: 100 Marks					
		Answer ALL Questions					
		PART A - $(10 \times 2 = 20 \text{ Marks})$					
1.	Define variable with example.						
2.	Why do we include <stdio.h> in a program?</stdio.h>						
3.	What do you meant by conditional or ternary operator?						
4.	. Write a C program to find average marks obtained by the students in a test.						
5.	. Write a C program to find the sum of all elements of the array.						
6.	. Write a C program to find the maximum and minimum element in an array.						
7.	7. Define pointer and Illustrate with example.						
8.	Define pointer to pointer and Illustrate with example.						
9.	9. Summarize the various dynamic memory allocation functions with example.						
10.	0. Write a syntax that defines a structure employee containing the details such as empno, empname, department name and salary.						
		PART – B (5 x 16= 80 Marks)					
11.	(a)	Explain the basic data types available in C with an example. Or	CO1- U	(16)			
	(b)	Explain the various types of operators used in C with necessary program.	CO1- U	(16)			

