

*Question Paper consists of Part-A and Part-B**Answer ALL the question in Part-A and Part-B***PART-A (10X2 = 20M)**

		Marks	CO	BL
1. a)	Define Flow Chart with few examples of symbols used in C?	(2M)	CO1	L1
b)	Define Identifiers with few examples in C?	(2M)	CO1	L1
c)	Define Keywords used in C with an example?	(2M)	CO2	L1
d)	Define a Continue statement and where you will use it in C?	(2M)	CO2	L1
e)	Define a String?	(2M)	CO3	L1
f)	Write an algorithm for (logic only) for concatenation of two strings.	(2M)	CO3	L2
g)	Give the syntax for a Union?	(2M)	CO4	L2
h)	Define a Pointer? Give the syntax of a Pointer?	(2M)	CO4	L2
i)	Define Recursive Function?	(2M)	CO5	L1
j)	Define a Scope of a variable.	(2M)	CO5	L1

PART-B (5X10 = 50M)

2a.	Explain about the History of Computers in Detail.	5M	CO1	L1
b.	Explain about the various Operators used in C Language.	5M		
	(OR)			
3a.	Explain about the basic organization of a computer with a neat diagram.	5M	CO1	L1
b.	Explain about various Input operations used in C Language.	5M		
4a.	Explain about the various Storage Classes used in C with Examples.	10M	CO2	L2
	(OR)			
5a.	Write a C program to print whether given number is an Armstrong number or not.	5M	CO2	L2
b.	Give the differences between WHILE and DO – WHILE loops.	5M		
6.	Write a C program to implement all the STRING Handling Functions like strlen(), strcat(), strcmp(), etc...	10M	CO3	L3
	(OR)			
7.	Write a C program to print the left and right diagonal elements of a given input square matrix by checking the matrix condition.	10M	CO3	L3
8a.	Define Pointer of Pointers. Give an example of C Program for Pointer of Pointers.		CO4	L1
	5M			
b.	Write a C program to read the array elements and print the array elements using pointers.	5M		
	(OR)			
9a.	Write a C program to print the details of a student using Unions.	5M	CO4	L1
b.	Give the differences between Structures and Union.	5M		

10a Define a Function. Write a program to implement addition of two numbers in all the four function parameters passing techniques. 10M CO5 L3
(OR)

11a Define a File. Write a C program to copy one file to another file using File Handling Functions. 10M CO5 L3
