

Reg. No.:

Name :



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**Mid-Term Examinations – November 2021**

Programme	: BTECH	Semester	: Fall 2021-22
Course	: INTRODUCTION TO PROBLEM SOLVING AND PROGRAMMING	Code	: CSE1021
Faculty	: E.Nirmala	Slot/ Class No.	: B11+B12+B13/0074
Time	: 1 ½ hours	Max. Marks	: 50

**Answer all the Questions**

Q.No.	Sub. Sec.	Question Description	Marks
1.	(a)	Write an algorithm to print the factorial of given number.	(5)
	(b)	Draw the flow chart to find the greatest among three numbers.	(5)
2.		Explain different types operators in python with example.	(10)
3.	(a)	Write a function to find Fibonacci series for given number.	(5)
	(b)	Write a program to convert char to ascii and ascii to char.	(5)
4.	(a)	Write a program to generate following output using while loop: 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5	(5)
	(b)	Write a program for reverse a string and check for palindrome (DAD, MOM, MALAYALAM) using for loop.	(5)
5.		Given an integer, n perform the following conditional actions:	(10)
		<ul style="list-style-type: none"><li>• If n is odd, print Weird</li><li>• If n is even and in the inclusive range of 12 to 40, print Not Weird</li><li>• If n is even and in the inclusive range of 50 to 75, print Weird</li><li>• If n is even and greater than, print Not Weird</li></ul>	