

Reg. No.:

Name :



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Mid-Term Examinations, December 2020

Programme	: B.Tech	Semester	: Fall 2020-2021
Course	: Introduction to Problem Solving and Programming	Code	: CSE1021
Faculty	: Dr. Kanchan Lata Kashyap	Slot/Class No.	: D11+D12+D13/1494
Time	: 1½ hours	Max. Marks	: 50

Answer all the Questions

Q. No.	Question Description	Marks
1	Write an algorithm and flow chart to display sum of first 100 numbers.	10
2	Enter five digit number and write a program to find the sum of first and last digit of the number and display the result.	10
3	Write output of the following python code <pre>def test1(x, y, z): print("Hello") print("Good Morning") s=x+y+z return(s) def test2(d): z=test1(10, 20, 30) z1=d+z return(z1) print("welcome to the world of Python") d1= test2(100) print("total result", d1)</pre>	10
4	Write a function to find the binary equivalent of a given decimal integer and display it.	10
5	Write a C function to evaluate the series $\sin(x) = x - (x^3/3!) + (x^5/5!) - (x^7/7!) + \dots$	10

