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NMAM INSTITUTE OF TECHNOLOGY, NITTE
Off-Campus Centre of Nitte(Deemed to be University)
II Sem B.Tech. (CBCS) Mid Semester Examinations - I, February 2023

CS1003 -1- BASICS OF PYTHON PROGRAMMING

Duration: 1 Hour

Max. Marks: 20

*Note: Answer any **One** full question from **each Unit**.*

Unit – I		Marks	BT*	CO*	PO*
1.	a) Write a python program to implement addition, subtraction, and multiplication operations on two numbers that are read from the user.	5	L*3	1	1
	b) Explain the rules for naming the identifiers in python.	5	L1	1	1
2.	a) List any 5 differences between python and C language	5	L1	1	1
	b) Develop a program to read the string and print its reverse. Check if the string is a palindrome.	5	L3	1	1
Unit – II					
3.	a) Explain the syntax and various usage of the <i>range</i> function of python.	5	L2	1	1
	b) Develop a python program to print all prime numbers in a given range.	5	L2	1	1
4.	a) Illustrate the syntax of if-else with a suitable example.	5	L2	1	1
	b) Demonstrate the usage of for loop with a program example.	5	L2	1	1

BT* Bloom's Taxonomy, L* Level; CO* Course Outcome; PO* Program Outcome
