MID TERM EXAMINATIONS – July 2024

ogramme : **B.Tech.**	Semester : **Fall Semester 2024-**
urse Title/ : **Python Programming/CSE3011**	Slot : **A24+C21+F21+F22**
urse Code	Max. Marks : **50**
me : **1 ½ hours**	

Answer all the Questions

No.	Sub. Sec.	Question Description	Mar
1	a)	Write a python program to count the occurrences of a letter in a string.	
	b)	Write a python program to accept two strings from a user and perform concatenation of the strings	10
	c)	Explain string slicing with the help of a python program	
	d)	Write a program to print a string in reverse order	
2	a)	Write a python program to demonstrate the use of range() datatype in python	
	b)	Write a python program to take two integers as input, and perform logical "AND", "OR" and "XOR" operations on their binary equivalents.	10
3		What is a ChainMap? Write a program to perform the following operations on a ChainMap:	
	a)	Creating a ChainMap	10
	b)	Accessing individual values in a ChainMap using keys	
4		Demonstrate the following functionalities with the help of a program:	
	a)	Create a list and a dictionary of 7 elements each by taking user inputs using a for loop	10
	b)	Create a double-ended queue and insert an element at the last and front of the queue.	
5		Demonstrate creation of a class by :	
	1.	Creating a car class with the following attributes: ➤ Make, Model, Colour, Engine Capacity	10
	2.	Implement methods to: i. Assign values to the above attributes ii. Display the values of these attributes	

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