COMPUTER ENGINEERING DEPARTMENT			
Course Name	Scripting Language – Python	Course Code	4330701
UNIT – 2 (Lists, Tuples, Sets and Dictionaries)			
Assignment – 3			
Date of Declaration		Date of Submission	
Course Outcomes			
CO 3:	Implement data structures lists, tuples, sets and dictionaries to solve the given problems		

Sr No	**Questions**	**Blooms Taxonomy Level**	**Cos**
1	Define Lists. Discuss characteristics of lists in python.	L1	CO3
2	Define Sets. Discuss characteristics of sets in python.	L1	CO3
3	Define Tuples. Discuss characteristics of tuples in python.	L1	CO3
4	Define Dictionaries. Discuss the characteristics of Dictionaries in python.	L1	CO3
5	Differentiate between lists and tuples with an example.	L2	CO3
6	Discuss (1) append (2) insert() (3) extend() (4) pop() (5) remove() (5) count() functions of list with example.	L2	CO3
7	Discuss (1) union (2) intersection() (3) difference() (4) symmetric_difference() functions of sets with example.	L2	CO3
8	Discuss (1) keys() (2) values() (3) update() (4) items() functions of dictionaries with example.	L2	CO3
9	Write a python program to find largest number in a given list without using max().	L3	CO3
10	Write a Python script to check whether a given key already exists in a dictionary.	L3	CO3
11	Write a python program to create a list of even numbers and another list of odd numbers from a given list.	L3	CO3
12	Write a python program to find the common numbers from two lists.	L3	CO3
13	Write a Python program to check if two given sets have no elements in common.	L3	CO3

Blooms Taxonomy: L1 (Remember), L2 (Understanding) L3 (Apply)

Signature of Subject In-charge	Signature of HOD