Subject Code: BAI-110	Subject: Programming with Python
Time : 1 ½Hours	Maximum Marks : 30
Note: Q. 1 is compulsory.	

Q1		(2.5*4)
	(a) Explain the following built-in exceptions in python with example: - i. AttributeError ii. ImportError iii. NameError iv. ValueError	
	(b) Write a python program to swap two tuples with three items defined in each tuple.	
	(c) What are sets in python? Write a python program to check if two sets have any elements in common. If yes, display the common elements.	
	(d) Explain the following built-in functions and methods with syntax, description and illustrations: i. extend() ii. items() iii. count() in a tuple iv. range() v. read()	
Q2	(Attempt any Two Parts) UNIT-1	(5,5)
	(a) Write a python program to print even length words in a string "Indira Gandhi Delhi Technical University for Women"	
	(b) Explain the purpose and working of loops. Discuss Continue and Pass statement with example.	
	(c) Write the python program to display the last six characters of the string "The breakfast.is,ready" using slicing method.	
Q3	(Attempt any Two Parts) UNIT-2	(5,5)
	(a) Python program to find unique numbers in a given tuple – T1 = (1, 9, 1, 6, 3, 4, 5, 1, 1, 2, 5, 6, 7, 8, 9, 2)	
	(b) How to declare and call functions in Python programs? Illustrate with an example script.	
	(c) Compare list and dictionary data structure with suitable example. Explain the concept of list comprehension.	