

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

Name of the Assignment Setter:		Mrs.Bharati Yelikar			
Course:	SDE MCA-V Current Trends in IT	Class:	MCA	Semester:	V
Subject:	Lab on Current Trends in IT				
Q.1)	Attempt ANY ONE of the Following (1000 Words)				(10)
a)	Create a 'Tupple' in Python. Show the slicing of tuple by using the slice ('.' operator).				
b)	Illustrate following string related methods in Python: lower(), upper(), join(), split()				
Q.2)	Attempt ANY TWO of the Following (800 Words)				(12)
a)	Create a list which consists various types of elements. Write a program to Display first element, last and middle element. How to slice the list. Print element from 3rd to 5th. Beginning to last.				
b)	What is Recursion? Write a program to find factorial of a number using Recursion.				
c)	Create a list. Write a program in Python to Show Indexing, negative indexing and slicing of a list. Perform the functions- sort (), reverse (), copy () and + and * operators				
d)	Write the salient features of Python programming language?				
Q.3)	Write Short Notes on (ANY TWO)				(08)
a)	Why the Python is Latest popular Programming Language? Explain with suitable example.				
b)	Write a program in Python to Illustrate following string related methods : format(), find()				
c)	Create a list which consists various types of elements. Perform the functions- append (), extend (), insert (), count ()				
d)	Write a program to create a 'Tupple' in Python. Show the use of the '+' and '*' operators.				
