

	c.	Read multidigit number from console. Develop a program to print frequency of occurrence of each digit with suitable message.	5	L3	CO3
OR					
Q.6	a.	Explain File reading and writing process with suitable python program.	7	L3	CO3
	b.	With code snippet, explain saving variables using shelve module and print() and print format() functions.	6	L2	CO3
	c.	Write a python code to implement multclip board project in python.	7	L3	CO3
Module – 4					
Q.7	a.	Explain the functions of shutil module with example.	10	L1	CO3
	b.	What is meant by compressing files? Explain reading, extracting and crating zip files with code snippet.	10	L1	CO3
OR					
Q.8	a.	Explain the following file operation in python with example. i) Copying files and folders ii) Moving files and folders iii) Permanently deleting files and folders	6	L1	CO3
	b.	Define assertions. What does an assert statement in python consists of? Give an example.	7	L1	CO3
	c.	Develop a program to sort contents of a text file and write the forted content into a separate file.	7	L3	CO3
Module – 5					
Q.9	a.	Explain operator overloading and polymorphism with example.	7	L1	CO4
	b.	Explain the concept of pure functions and modifiers with python code.	7	L1	CO4
	c.	Write a function called print time that takes a time object and print it in the form of hour: minute: second?	6	L3	CO4
OR					
Q.10	a.	What is class? How do we define class? How class members are accessed, explain with examples.	6	L1	CO4
	b.	Explain – init() and – str() method with an example.	8	L1	CO4
	c.	Discuss type based dispatch in python.	6	L1	CO4
