

INSTITUTE OF ENGINEERING AND TECHNOLOGY
CER4C3- ABSTRACTION AND PARADIGMS FOR PROGRAMMING LANGUAGE
COMPUTER ENGINEERING
CLASS TEST II

Max Marks – 20

- Q1. Discuss mutable and immutable objects in python.....4
- Q2. What is a dictionary in python? Exemplify to support your explanation.....2
- Q3. Write the ways in which you can initialize the following - List, Dictionary.....2
- Q4. Write the command:.....3
- a. To log all the packages used in a project.
 - b. To log all the print statements in a file.
 - c. To activate virtual environment.
- Q5. Discuss the following:.....3
- a. Importance of self while building class in python
 - b. Role of Python Package Manager
- Q6. Write a code for the following:.....(3+3)

- a. Print all the records of a MySQL table “Student” using the appropriate python SQL library.

Student

Student_Name	CGPA
ABC	9.0
XYZ	9.5
PQR	7.9

- b. Write the 10 multiples of a number taken from the user into a file.

Sample:

Input - **5**

Output - the contents in the file **output.txt** must contain output as below:

Multiples of file:

5

10

15

...

...

...

50