



TONTADARYA COLLEGE OF ENGINEERING
Department of Computer Science & Engineering
Internal Assessment – 2(18CS55)

Subject : Development Using Python

Date : 22-12-2021

Semester : V

Time : 9.30am to 11.00am

Answer following questions choosing one question from each part

Total Marks: 50

PART-A

- Q1. a) What is Regular Expression? Describe question mark, star, plus and dot regex symbols with python code. 10 M (CO3)
- b) Explain functions of shutil module with examples. Also explain the buttons in debug control window. 15 M (CO3)

OR

- Q2. a) Write a python program to extract phone number and email using regular expression. 10 M (CO3)
- b) Briefly explain the file reading & writing process with example. Also write a note on walking a directory tree. 15 M (CO3)

PART-B

- Q3. a) What is meant by compressing files? Explain reading, extracting & creating zipfiles with code snippet. 10 M (CO3)
- b) Write a note on Assertions & explain the use of assertion in traffic light simulation. 15 M (CO3)

OR

- Q4. a) Demonstrate pure functions & modifiers with example. 10 M (CO4)
- b) Discuss the operation of copying an object and write a note on printing objects. 15 M (CO4)

Course Outcome	Complete Title
CO3	Discover the commonly used operations involving regular expressions and file system
CO4	Interpret the concepts of Object-Oriented Programming as used in Python.

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