

NETTUR TECHNICAL TRAINING FOUNDATION
DIPLOMA IN INFORMATION TECHNOLOGY & DATA SCIENCE – CP09
II SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JUNE 2023

Subject: Python Programming
Subject Code: CP09206T

Total Time: 2 Hr.
Total Marks: 50

PART B

1.0 ANSWER ANY EIGHT OF THE FOLLOWING

2*8=16

- 1.1 What is python? What are the key features of Python?
- 1.2 How will you compare two lists?
- 1.3 What is the purpose of // operator?
- 1.4 How to read data from key board in python?
- 1.5 What is the use of seek function?
- 1.6 What is called exception?
- 1.7 What is Tk () in tkinter Python?
- 1.8 What is the best GUI for Python?
- 1.9 How to create an instance object in python?
- 1.10 How will you convert a string to all lowercase?

2.0 ANSWER ANY SIX OF THE FOLLOWING

3*6=18

- 2.1 How to use integer and string in python?
- 2.2 What is the purpose of break and continue statement in python?
- 2.3 What is function? Define a function with example.
- 2.4 Explain Inheritance in Python with an example.
- 2.5 What is the use of GET and POST methods? How to pass data using these method explain with example?
- 2.6 Explain the logic of sending Email using SMTP in Python.
- 2.7 What is the difference between local and global variable?
- 2.8 How to extract data using web scraping with python?

3.0 ANSWER ANY FOUR OF THE FOLLOWING

4*4=16

- 3.1 What is the difference between list and tuples?
- 3.2 Explain a) Method overloading b) Method overriding
- 3.3 Explain with example to execute query to read, update, insert and delete
- 3.4 Explain about the CGI architecture with neat diagram.
- 3.5 Write the features of object oriented programing.
- 3.6 Explain arithmetic expression in python

