Code No: 5640AE

R19

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M. Tech I Semester Examinations, July/August - 2021
PYTHON PROGRAMMING
(Information Technology)

Time: 3 Hours   Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks
- - -

1.a) How to create and access a lists in Python.
 b) Explain operational and conversional built in functions for numeric types. [7+8]

2.a) Explain String type built in functions in Python.
 b) Write about Tuples and set types in python statements. [7+8]

3.a) Illustrate various built in methods for file handling in python.
 b) Write a Python code to create and demonstrate inner functions. [7+8]

4.a) Explain how to detect and handle exceptions in python.
 b) What is sys module? Explain, how do you obtain execution information? [7+8]

5.a) Discuss about match, search, find all and split functions in regex.
 b) Write Python code to open twitter file data and replace email of sender with "abc@phyhthon". [7+8]

6.a) Explain multi threading concept in Python.
 b) Write Python code to implement producer consumer problem. [7+8]

7.a) Write Python code to create frame for login page.
 b) Explain Url parse module in Python. [7+8]

8. Explain connection object and its methods and illustrate with example program. [15]

---ooOoo---