

3129

B.Tech. (CSE) 3rd Semester (G-Scheme)

Examination, November-2023

PYTHON PROGRAMMING

Paper-PCC-CSE-207-G(A)

(w.e.f. March-2021)

Time allowed : 3 hours]

[Maximum marks : 75

Note : Attempt five questions in all, selecting one question from each unit. Question No. 1 is compulsory.

1. Write short note on following : 15
- (i) Python
 - (ii) String
 - (iii) List
 - (iv) Object
 - (v) RGB Scheme
 - (vi) Image

Unit-I

2. (i) How do you run a shell script in Python. 7.5
(ii) Describe the different data types in Python. 7.5
3. Describe the following : 15
- (i) Subscript operator
 - (ii) Types of Text files in Python

Unit-II

4. (i) Describe Literals and its types in detail.
(ii) How do you search a list in Python ? 15
5. How do you traverse through a Dictionary object in Python ? 15

Unit-III

6. Explain the following : 15
(i) Turtle Punction
(ii) Image Processing in Python
7. Define GUI. Also describe the best GUI for Python. 15

Unit-IV

8. Explain the following : 15
(i) Inheitage
(ii) Data Modeling
9. Describe the following : 15
(i) Sleeping Threads
(ii) Abstract classes