

Roll No. [REDACTED] 1.

Exam Code : M-24

Subject Code—61447

B.Sc. EXAMINATION

(Main/Reappear) (Batch 2019 Onwards)

(Sixth Semester)

COMPUTER SCIENCE

CCsL-604

Python Programming Python Programming
(Course-IV)

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory.

1. (a) What is the feature of python ?
- (b) What are the data types used in python ?
- (c) Explain the type conversion function.
- (d) What is default arguments ?

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- (e) What is rfind ?
- (f) Explain List length operation.
- (g) Explain hasattr, setattr and delattr.
- (h) What is stop_sound() ?

Unit I

- 2. Explain different inbuilt functions in python programming.
- 3. Explain different operators used in python programming.

Unit II

- 4. Differentiate between conditional statement and control statement.
- 5. What is the function ? Explain Arbitrary arguments and command-line arguments.

Unit III

- 6. What is Recursion ? Explain methods-count and capitalize string operation.

7. Explain the following list function :

- (i) Extend.
- (ii) Count
- (iii) Index
- (iv) Sort
- (v) Reverse.

Unit IV

8. What is the screen object in python ? Explain with the help of the python program.
9. What is class and object ? Write a program to initialize an object and destroy using `del_()` methods.

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