LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

SIXTH SEMESTER – APRIL 2019

16UCA6MC03– PYTHON PROGRAMMING

Date: 10-04-2019   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART – A

Answer all the questions: (10x2=20)

1. Write about two modes used in Python.
2. What are the rules for naming identifiers?
3. Define recursion.
4. Define dictionary.
5. What is tuple?
6. List the access mode in Python.
7. What is the use of import statement?
8. What is comment line?
9. Define exception.
10. What is interpreter?

PART – B

Answer all the questions   (5x8=40)

11. a) Discuss about List in Python.

   (or)

   b) Discuss about Python interpreter environment.

12. a) Discuss about sets.

   (or)

b) Write a program to compute factorial of a given number in Python .

13. a) Illustrate modules in Python.

   (or)
   b) Explain about files in Python.

14. a) Explain inheritance in Python.

   (or)

   b) Explain Fancier output formatting.

15. Discuss in brief about file wild cards.

   (or)

   b) Explain command line argument.

PART-C

16. a) Elucidate control structures

 b) Illustrate classes and objects with an example.

17. a) Explain Exceptions in Python

 b) Discuss about Iterators and Generators.

18. a)Discuss file operations in Python and write the script used for file oprations.

 b) Explain tuples and sequences in Python

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