20.08.2019

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-27
B.SC. COMPUTER SCIENCE - III SEMESTER
MID SEMESTER EXAMINATION: AUGUST 2019
CS 318 OBJECT ORIENTED PROGRAMMING USING PYTHON AND DBMS

Time- 1 hour

Max Marks-30

This paper contains one printed page

5 x 6 = 30

Answer any _five_ of the following:

1) Explain three-schema architecture with a neat diagram.
2) Write about the characteristics of database system.
3) What is a key? Explain the different types of keys with an example.
4) a. Explain DCL commands with its syntax (3)
   b. What is a tuple? Give example (3)
5) What is a list? How is it different from tuples?
6) Write a Python program to find the factorial of a given number without recursion.
7) Explain with an example break and continue statement in Python programming.