

14.8.2019

**ST JOSEPH'S COLLEGE (AUTONOMOUS), BANGLORE-27**  
**BCA - III SEMESTER**  
**MID-SEMESTER TEST - AUGUST 2019**  
**CA 3118 OBJECT ORIENTED PROGRAMMING USING PYTHON**

**Time - 1 hour**

**Max Marks-30**

**PART A**

**I Answer any FIVE**

**5\*6=30**

1. List any 6 built-in string function in python and explain with suitable example
2. Consider the list `l=[5,4,6,9,(9,7),23]` and write the python code to perform the following operation without using built-in method: a) insert an element at 5 position values (19,5) b) insert an element at end of the list c) delete the element 19 from the list d) to find index position of element 7 e) to display the element 7 from the list f) to display elements 4,5,6,9 using slicing
3. Considering two set write a python program to perform the following operation Union, difference and intersection
4. Write a python program to find the sum of digit using functions.
5. List out and explain the phases involved in Object-Oriented Programming.
6. Write short notes on with suitable example and syntax  
a) `__init__()` and its types b) `issubclass()` and `isinstance()`
7. Explain the concepts of multiple inheritances with a suitable program.