ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-27
BCA - I SEMESTER
MID SEMESTER EXAMINATION: AUGUST 2019
CA 1118 – INFORMATION TECHNOLOGY AND PROBLEM SOLVING

Time- 1 hr   Max Marks-30

This paper contains one printed page

Answer any FIVE questions from the following: **5 x 6 = 30**

1) Write a short note on classification of computers.
2) What is memory? Explain RAM in detail.
3) a. What is an operating system (1)
   b. Explain Multi-Programming operating system(5)
4) Differentiate between compiler and interpreter
5) a. Explain the characteristics of a good program(3)
   b. Mention the difference between verification and validation(3)
6) What is an algorithm? Draw a flowchart to find factorial of a number.
7) a. What is an error? Explain any one type of error with appropriate example.   (3)
   b. Write about data processing cycle.   (3)