****

Register Number:

DATE:**07-04-2017**

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

**IV Semester Examination, April 2017**

**CA OE 4116 : Basic Programming Skills**

**Time 1.5 Hrs Max Marks 35**

**This paper contains 1 printed pages and 2 parts**

**PART-A**

**Answer all questions 3 x5 = 15**

1. Write down the advantages of algorithm.
2. Explain the structure of C program.
3. What is conditional statement? List out the different types of conditional statement.
4. What is an array? Explain how to declare an array.
5. List out the differences between local and global variables.

**PART-B**

**Answer any FOUR questions 5 x4 = 20**

1. Draw a flowchart to find largest of three numbers.
2. Explain the difference types of operators used in C programming.
3. Write with an example, the concept of do while statement in control structure.
4. Explain the concept of two dimensional and one dimensional array.
5. Define a) coding b) debugging
6. Write a program to find the area of a square and circle.