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| **ST. JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27** |
| **IV SEMESTER** |
| **SEMESTER EXAMINATION: APRIL 2019** |
| **CAOE 4215- Basic Programming Skill** |
|  |  |  |  |  |  |
| **Time- 1 hrs** |  |  **Max Marks- 35** |
|  |  |  |  |  |  |
|  **This paper contains one printed page** |

**Part A**

**Answer the following questions**   **3\*5=15 Marks**

1. Define the term Algorithm and write an algorithm to find square of a number?
2. What are data types? Mention different types of data?
3. Give the syntax of switch statement?
4. What is an Array? Explain with suitable example?
5. What is a function? Write down the prototype of a function?

**Part B**

**Answer any four of the following questions**   **4\*5=20 Marks**

1. a) What is a flow chart? (1+4)

 b) Draw a flow chart to find largest of three numbers?

1. What are operators? Explain the different types of operator in detail?
2. Write a program to print the first ten natural numbers and their sum.
3. Explain any five string operation with a suitable example.
4. What is recursive function? Explain with a suitable example?