

Exam. Code : 107205

Subject Code : 2119

BCA 5<sup>th</sup> Semester

## JAVA PROGRAMMING LANGUAGE

## Paper-IV

Time Allowed—3 Hours]

[Maximum Marks—75

**Note :-** Attempt any **five** questions. All questions carry equal marks.

1. What are fundamental principles of Object Oriented Programming paradigm ? How JAVA incorporates them ?  
15
2. Explain various control statements of JAVA with example code.  
15
3. Write a JAVA Program to sort an array of 100 integers.  
15
4. Write a JAVA Program to highlight use of Constructors.  
15
5. Write a JAVA Program to explain Method Overloading with use of inheritance.  
15
6. Write a JAVA Program to highlight Exception Handling in programs.  
15
7. Write a JAVA Program to highlight STRING handling.  
15
8. Explain different classes and methods used for JAVA I/O (Input/Output).  
15

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