

Exam. Code : 107205
Subject Code : 1806

Bachelor of Computer Application (BCA) 5th Semester
JAVA PROGRAMMING LANGUAGE
Paper—IV

Time Allowed—3 Hours] [Maximum Marks—75

Note :—Attempt any **FIVE** questions out of **EIGHT**.
All questions carry equal marks.

1. What is Object Oriented programming ? How it is different from procedural programming ? Explain with the help of an example.
2. How platform independence is achieved in Java ? What is a JVM ?
3. What are the various types of inheritance available in JAVA ? Explain with example of each type. Why multiple inheritance create problem in Java implementation ?
4. What is polymorphism ? How it is helpful ? Explain its use with example of operator overloading.
5. What is a Package ? Why they are used ? Explain the process of importing a package in a class.
6. Why interfaces are used in Java ? Explain with the help of an example program.
7. What is Multithreading ? How multithreading is done in Java ? Explain the stages of a thread life cycle.
8. How exception handling is done in Java ? Explain exception handling with a try catch block in a program.

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