BCR/M 16
PROGRAMMING IN CORE JAVA
PAPER-BCA-366

Note : Attempt five questions in all, selecting at least one question from each Unit Q. No. 1 is Compulsory.

1. Compulsory Question:

(I)   Explain the use of super keyword in Java.
(II)   Explain, what is a package and interface?
(III)   What is a Bytecode? Explain
(IV)   Explain various arguments passing mechanism.
(V)   Explain difference between JRF and JVM.
(VI)   Explain nested class and inner class.
(VII)   Explain Lexical token.
(VIII)   Explain how to import a package.

Unit-I

2. Explain various features of Java. Also explain I/O classes in Java.
3. Explain decision and loop control statements with examples.

Unit-II

4. Explain the difference between overloading and overriding in java.
5. Explain, how to create arrays and strings in java. Describe various operations on arrays and strings.

Unit-III

6. Explain the role of constructor in inheritance. Also explain various constructors in Java.
7. Explain, what is standard package. Also explain various standard packages in java.

Unit-IV

8. Explain the concept of exception handling in Java. Differentiate between in-built and defined exceptions with example.

9. What is an applet in Java? Explain. Describe Applet architecture. Explain, How to embed an applet into a web page?