B.C.A. IV Semester Examination, March 2011
JAVA PROGRAMMING

Time : 3 Hours   Max. Marks : 80

Instruction *: From Part – **A** **1** to **8** questions carries **1** mark and **9** to **14** questions carries **2** marks, from Part – **B** each question carries **5** marks and from Part – **C** each question carries **10** marks.*

PART – A

I. Answer **all** the questions.

1 What is compiled programming language ?

2. Define class.

3. What is an identifier ?

4. What is an expression ?

5. How the comments are given in Java Program ? Give an example.

6. How many times will the loop shown in program execute ?

    int count = 10;

    do

    {

        ++count;

    } while (count < = 15);

7. What is an array ?

8. What is a package ?

9. What is Inheritance ?

10. What is a buffer ?

11. What is Thread ?

12. What is Deadlock ?

13. Mention different Arithmetic Operators used in Java.

14. What is an Applet ?

P.T.O.

PART – B

II. Answer **any six** questions :

1. Explain Architecture of Java.

2. Explain how JVM helps Java to be platform-independent.

3. Explain different data types used in java.

4. Explain switch statement with an example.

5. Explain different Levels of access to a method in java.

6. What is Constructor ? Explain with an example.

7. What is method overloading ? Explain with an example.

8. Explain the life cycle of a thread.

PART – C

III. Answer **any three** questions :

1. Explain different looping statements used in Java with an example.

2. What is method overriding ? Explain with an example.

3. What is Interface ? Explain with an example.

4. Explain different output stream classes in Java.

5. Explain Try, Catch, and Through methods with an example programming.

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