

IV Semester B.C.A. Examination, Feb./March 2010

JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 80

Instructions: 1) Answer *all* questions in Part A, 5 questions in Part B and 3 questions in Part C.

2) Part A: Questions from 1 to 8 carry 1 mark and 9 to 14 carry 2 marks *each*.

3) Part B: *Each* question carries 5 marks.

4) Part C: *Each* question carries 10 marks.

PART – A

1. What is an Exception?
2. Write the syntax of Interface.
3. What is an Inner Class ?
4. Define Interpreter.
5. Define Buffer.
6. What is an Exception ?
7. What is an Interface ?
8. How to declare a class in Java ?
9. How to declare an array ?
10. What is a general form of a class ?
11. How to overload a method ?
12. What is the difference between error and exception ?
13. Describe the “new” operator with an example.
14. What is Operator precedence ?

P.T.O.

PART – B

1. How to use objects as parameters?
2. Explain three Jump statements supported by Java.
3. Write a Java program for print your name 15 times.
4. What are the main elements of a class ?
5. Explain three parts of for loop.
6. What is the scope and lifetime of the variables ?
7. Explain the three OOP principles.
8. Explain synchronization of threads.

PART – C

1. How to overload and override a method? Explain with an example each.
 2. What is literal? Explain the types of literals with examples.
 3. Explain the elementary types of Data defined by Java.
 4. Describe selection statements supported by Java with syntax and example program.
 5. Explain Thread life cycle with an example.
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