

V Semester B.Sc. (I.T.) Examination, June/July 2010
JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 75

***Instruction** : Answer **all** questions from Part A, and answer **any five** questions from Part B.*

PART – A

(2×12+1×1=25)

1. What is JAVA Technology ?
2. Write JAVA Program Structure.
3. Write a note on Real Constants.
4. How do you Perform Multiplication and Division in JAVA ?
5. Difference between Break and Continue Statements.
6. What is an Inheritance ?
7. What are Class Variables ?
8. Write the use of This Keyword.
9. What is easy mapping ?
10. Define Thread.
11. What is a finally Block ? How it is Used ?
12. Write Java assignment statement to evaluate $a = \pi r^2 + 2\pi rh$.
13. Expand JSL.



PART – B

Answer **any five** :

(5×10=50)

1. Explain the basic features in JAVA.
 2. Explain JAVA tokens.
 3. With an example explain different arithmetic Operators.
 4. Differentiate the While Loop with DO while Loop with an example.
 5. What is a Constructor ? Explain with an example.
 6. Explain the Methods : a) Trim b) Substring c) Length.
 7. What is an array ? Write a Program to illustrate read, write and initialize two dimensional arrays.
 8. Explain Exception handling with an example.
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