2316   **45**

Class – B.Sc. (IT) 4th SEM

Paper – III Java and Web Designing

Time Allowed : 3 Hours   **Maximum Marks : 75**

Attempt any 5 questions.

1. Explain the Features of Java. Explain the concept of platform independence of Java in detail .   15

2. Explain the various data types in Java. Also explain the working of implicit type conversion in java.   15

3. Explain the various operators in java and its precedence and associativity.   15

4. Explain the while loop in java and also write a program to implement the Fibonacci series using while loop control structure.   15

5. (a)   What are the Labeled Break and Continue statements?   5

   (b)   Write a program to find out whether the given number is palindrome or not.   10

6. How to create a package? Explain with examples. 15

7. Describe the uses of final and super keywords with respect to inheritance.   15

8. Explain the following

   (a) . Bytecode

   (b)   Unicode

   (c)   Constructor   5×3=15

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