Course Code: BIT 2505   **Time: 3 hours**

Course Title: Java Programming   **Max. Marks: 75**

Answer any five questions   **(5*15=75 marks)**

1. Enlist the features of java and explain the java environment.

2. Define String. Illustrate the string operations with suitable examples.

3. Explain the following with the suitable Java program:

   a) Method overloading   b)Method overriding

4. Discuss the package concept with a suitable program and discuss the steps involved in package creation.

5. Elaborate the exception handling mechanism in java and write a java program to illustrate it.

6. Explain the Applet life cycle with a neat diagram. Write a Java applet program to draw a car.

7. Mention the AWT graphical functions and explain any six with suitable program.