Total number of printed pages–2

53 (IT 501) JAPR

2015

JAVA PROGRAMMING

Paper : IT 501

Full Marks : 100

Time : Three hours

**The figures in the margin indicate
full marks for the questions.**

*Answer **any five** questions.*

1. What is a thread ? Describe the complete
    life cycle of a thread.   20

2. *(a)* How to create a package ? Explain with
           example.   10

    (b) Describe the following methods related
           to string.   10
           (i)   replace ( )
           (ii)   compareTo( )
           (iii) chartAt( )

Contd.

3. *(a)* Write a program to create two threads, one thread will print odd numbers and second thread will print even number between 1 to 20.   10

   (b) How do applet differ from application programs ? Explain with example.   10

4. Write a program to accept number from user and convert into binary using Wrapper Class methods. And also perform the 1's complement of the binary number.   20

5. *(a)* What is a finally block ? When and how is it used ? Give a suitable example.   10

   (b) Differentiate between AWT and Swing on the basis of working and application.   10

6. What is Layout Manager ? Describe the uses of different Layout Manager.   20

7. Write short notes on :   4×5=20

   (i) Array

   (ii) Java Beans

   (iii) JDBC

   (iv) Event handling.