

[This question paper contains 2 printed pages.]

**Sr. No. of Question Paper : 2113**                      **GC-3**                      **Your Roll No.....**

**Unique Paper Code : 32513907**

**Name of the Paper : Internet and JAVA Programming**

**Name of the Course : B.Sc. (H) Electronics Under CBCS  
Skill Enhancement Course**

**Semester : III**

**Duration : 1 Hour**

**Maximum Marks : 25**

**Instructions for Candidates**

1. Write your Roll No. on the top immediately on the receipt of this question paper.
2. Question Paper consists of **two** parts.
3. Attempt any **five** questions from **Part A** and any **ten** questions from **Part B**.

**PART A (Attempt any five)**

**(1×5=5)**

1. What is www ?
2. What is deadlock in Java ?
3. Explain Byte code concept in Java.
4. What is an object ?
5. What is an interface ?
6. What does `Java.io.FileInputStream.getFD()` method does ?
7. Define character stream.

*P.T.O.*

**Part B (Attempt any Ten)**

(10×2=20)

1. Define Subnetting in Internet Addressing.
2. Define method overriding, and how is it different from Method overloading ?
3. Explain the following (a) Try and Catch (b) Finally.
4. List the hardware requirements necessary to connect to the Internet.
5. Explain life cycle of a Thread.
6. Differentiate between local, instance and static variables in Java.
7. What is meant by encapsulation ?
8. What are Event classes ?
9. What is the difference between string and string buffer ?
10. Write a simple program in Java to calculate factorial using recursion.
11. Explain briefly the event handling for Applets.
12. What is the purpose of new operator in Java ?
13. What do you understand by type conversion and casting ?