Roll No.

BCA. (Sem.-5ᵗʰ)
INTRODUCTION TO INTERNET APPLICATION AND JAVA
Subject Code: BC-501
Paper ID: [B0219]

Time: 3 Hrs.   **Max. Marks: 60**

INSTRUCTIONS TO CANDIDATE:

1. **Section –A, is Compulsory.**

2. **Attempt any four questions from Section-B.**

SECTION –A   (10x2=20)

Q.1.   Write short Note on :

(a)   Web Browsers.

(b)   Protocol.

(c)   Applets.

(d)   Subnet Mask.

(e)   Internet Service Providers.

(f)   JVM.

(g)   Finalizes?

(i)   IGMP.

(j)   Border Gateway Protocols

SECTION –B   (4x10=40)

Q.2.   What are constructors? Discuss its features and various types. Also write Java program
        for parameterized constructor.

Q.3.   How E-Mail works? Discuss.

Q.4.   (a) Differentiate between Applet and applications

        (b) Write a short note on Multithreading.

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Q.5. (a) Differentiate between Search engine and web Directory.

   (b) How it is possible to create user defined exceptions? Explain with example.

Q.6. Discuss IP Addresses in detail.

Q.7. What is Inheritance? Explain its different types. Write java program to implement multiple inheritance.

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