Roll No. ☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 07

BCA (2010 Batch)   (Sem.–5)
INTRODUCTION TO INTERNET AND JAVA
Subject Code : BC-501
Paper ID : [B0219]

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

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.**

SECTION-A

1. **Write short notes on :**

   a) Subnet Mask

   b) ICMP

   c) DNS

   d) Finalizes

   e) Internet Architecture Board

   f) Internet Service Providers

   g) Applets

   h) Polymorphism

   i) JVM

   j) Exceptions

SECTION-B

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

3. How E-Mail works? Discuss.

4. What is Inheritance? Explain its different types. Also write Java program to implement multiple inheritance.

5. a) What are different search strategies used in search engines? Explain.

    b) Write a note on WWW.

6. Discuss IP Addresses in detail.

7. a) How can we handle Exceptions in Java? Discuss.

    b) What is Event Handling in Java? Discuss.