

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.