

Roll No.

Total No. of Pages : 2

Total No. of Questions : 07

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

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY.
2. Attempt any FOUR questions from SECTION-B.

SECTION-A (10 × 2 = 20 Marks)

1. (a) What is news group? Illustrate with example.
(b) What is firewall? List its types.
(c) What is role of internet architecture board?
(d) What is IP addressing? Explain.
(e) What is meant by JDK?
(f) What is thread in Java? Illustrate with example.
(g) What is meant by token in Java?
(h) What is constructor? List its properties.
(i) What are access modifiers in Java? Illustrate with examples.
(j) What are various differences between C++ and Java?

SECTION-B (4 × 10 = 40 Marks)

- 2 What is internet? Who owns it? Explain various services provided by internet.

3. What is internet protocol? Explain various internet protocols. Discuss relative merits and demerits of each internet protocol.
4. What is WWW? What are its advantages and disadvantages? Explain how information is located on the web.
5. What is Java? Discuss its evolution. Explain various features of Java.
6. What is conditional statement? Explain various conditional statements available in Java by taking suitable examples.
7. Write notes on the following :
 - (a) Java Virtual Machine
 - (b) Garbage collection