

Roll No.

Total No. of Questions : 07]

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BCA (Sem. – 5th)
INTRODUCTION TO INTERNET AND JAVA

SUBJECT CODE : BC - 501

Paper ID : [B0219]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.

Section - A

Q1)

(10 × 2 = 20)

- a) Define JDK.
- b) What is http?
- c) Give advantages of Java over C++.
- d) What is broadcast address in a LAN?
- e) What is DNS?
- f) What is group Management?
- g) What is *cryptography*?
- h) What is WWW?
- i) What is Event handling?
- j) Define Boolean data type in Java.

Section - B

(4 × 10 = 40)

Q2) What is Internet? Explain various advantages and disadvantages in detail.

Q3) Explain Internet Routing and Message Protocols.

Q4) Differentiate between IPv4 and IPv6 addressing classes.

Q5) Explain E-mail format and functioning in detail.

Q6) Explain the working of Applets in Java using a suitable example.

Q7) Explain various flow control statements in Java.

