Roll No. ....

Total No. of Questions : 07]   [Total No. of Pages : 02

BCA (Sem. - 5th)
INTRODUCTION TO INTERNET & JAVA
SUBJECT CODE : BC - 501 (N2)
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)   What are the different ways to view an applet?

   b)   Differentiate between object and class.

   c)   What is the need of garbage collection? How is it achieved in Java?

   d)   What are three responsibilities of event listener?

   e)   What is a port?

   f)   Differentiate between the terms Internet and Intranet.

   g)   Differentiate between any two web browsers known to you.

   h)   What is net news?

   i)   What all components are required to use dial-up network?

   j)   Name the protocols that a browser normally supports.

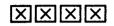## Section - B

(4 × 10 = 40)

Q2) Write a menu driven application in Java to find sum of digits of a number for one option and to find whether number is palindrome or not for the other option. The number has to be read through keyboard.

Q3) Explain with example how exceptions are handled using multiple catch blocks.

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Q4) Explain with example how database connectivity is done in Java.

Q5) Explain in detail internet protocols.

Q6) Discuss Internet Architecture board.

Q7) Discuss security issues in Internet.

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