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Roll No. ....

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

BCA (Sem. - 5th)
INTRODUCTION TO INTERNET & 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)   What are control flow statements in Java? Explain.

b)   What are various ways to secure the transaction on an internet?

c)   Which protocol is used in email and chatting? Explain

d)   What is structure of Java program? Explain how java program is developed and executed?

e)   What is role of constructor in Java? Explain its properties.

f)   Define JDK. What are its components?

g)   What is data type? List various data types supported in Java.

h)   What are java tokens? Give some examples.

i)   What are uses and abuses of an internet?

j)   Define WWW. What are its advantages?

J-169   *P.T.O.*

Section - B

(4 × 10 = 40)

Q2) What is IP addressing and Internet routing protocols. Explain the role of DNS in IP addressing and internet.

Q3) Define internet. Explain its various applications. Also discuss how an internet is evolved?

Q4) Write a note on the following :

(a) Predefined classes in Java.

(b) Features of Java.

Q5) What is Email? How it is different from traditional mail? Explain various advantages and disadvantages of Email over traditional mail system.

Q6) What is an applet? How a Java applet is different from a Java application? Explain.

Q7) What are operators? Explain various types of operator with their precedence in Java.

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