

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?

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.

