

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

BCA (2010 Batch) (Sem.-5)
INTRODUCTION TO INTERNET AND JAVA
Subject Code : BC-501
Paper ID : [B0219]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and a student has to attempt any **FOUR** questions.

SECTION-A

1) **Write briefly :**

- a) What is URL?
- b) Discuss Internet Backbone.
- c) What is Port?
- d) What are the responsibilities of event listener?
- e) What are the components to use dial-up Network?
- f) What are priorities of threads?
- g) What is garbage collection?
- h) Define interface.
- i) What is the role of 'super' keyword?
- j) Why java is called platform independent language?

SECTION-B

- 2) Discuss security issues in Internet.
- 3) How Java is different from C++? Explain with examples.
- 4) Define Constructor. It is possible to overload a constructor. Justify your answer using example.
- 5) How do you define a class in Java? How do you create its instances and refer to them?
- 6) Discuss looping controls available in Java. Give examples.
- 7) What do you know about multithreading? How it is implemented in Java?