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Roll No.					Total No. of Pages: 0

Total No. of Questions: 07

BCA (2011 & Onward) (Sem.-5)
PROGRAMMING IN JAVA
Subject Code: BSBC-502

Paper ID: [B1155]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS 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 students have to attempt any FOUR questions.

SECTION-A

1. Write briefly:

- A) List Characteristics of OOP.
- B) What is Java Virtual Machine?
- C) What are Zagged arrays?
- D) Naming conventions of a package.
- E) Name various branching statements of java.
- F) What are wrapper classes?
- G) What is Visibility control?
- H) Use of control loops in Applets.
- I) Why Exception handling is done?
- J) Usage of Java AWT.

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SECTION-B

- 2. How Object Oriented Paradigm is different from structural programming? Also discuss the benefits and applications of OOP.
- 3. What is method overloading? How it is different from method overriding? Explain with an example.
- 4. Write a program to implement Multiple Inheritance using Interfaces. Also explain the process.
- 5. How Applets differ from applications? Explain Applet life cycle as well.
- 6. Explain various components of Event handling.
- 7. Write a program to demonstrate the use of File & data Input/ Output stream.

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