

Roll No.

Total No. of Questions : 07]

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BCA (Sem. - 5th)
PROGRAMMING IN JAVA
SUBJECT CODE : BSBC - 502 (2011 Batch)
Paper ID : [B1155]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is compulsory.
- 2) Attempt any Four questions from Section - B.

Section - A

(10 × 2 = 20)

- Q1)** a) What is the significance of Object Oriented Paradigm?
- b) Write some benefits of Object Oriented Programming.
- c) Differentiate between JAVA and C++.
- d) Write a short note on Java Virtual Machine.
- e) What is a data type? List various data types supported in JAVA.
- f) Explain the concept of Overriding Methods with reference to Classes in Java.
- g) Define an Interface and list its various advantages.
- h) How applets are different from applications?
- i) Explain the concept of Exceptions with reference to Debugging.
- j) Write a short note on AWT Package.

Section - B

(4 × 10 = 40)

- Q2)** Define Object Oriented Paradigm. Explain various principles of Object Oriented Programming.
- Q3)** Explain the concept of Decision making and branching. List various control statements available in JAVA.

- Q4)** What is inheritance? Explain how you can inherit a class into another class in Java with the help of a program
- Q5)** What is the purpose of applet programming in java. Explain the life cycle of an applet in detail.
- Q6)** Discuss the Event Delegation Approach in detail. Write a program to show the application of MouseMotion Listener event.
- Q7)** Discuss graphics programming with appropriate examples.

