JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY-2008

II B.TECH II SEMESTER SUPPLIMENTARY EXAMINATIONS
JAVA PROGRAMMING
(COMPUTER SCIENCE & ENGINEERING)

AUG/SEP-2008

MARK-3 HOUR
MARK-80

ANSWER ANY FIVE QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.

MARKS [16*5=80]

1. (a) Explain about Java class libraries.

(b) Explain about relational and logical operators with examples.

2. (a) What is multiple inheritance? Explain how does Java support multiple inheritance?

(b) Write about the data types supported by Java?

3. Write about the following:

(a) Inline functions

(b) virtual destructor

(c) virtual base class.

4. Write a sample program to handle Mouse events and window events.

5. Why exception handling is considered as one of the important features in OOPS? Write your explanation with suitable examples.

6. Write a program to implement all the file operations on a student database.

7. Describe the JDBC architecture and explain the process of writing JDBC programs.

8. (a) Explain about the terms client and server.

(b) How are different machines in a network be addressed?

(c) What is a port? What is the difference between port and socket?

(d) Write short notes on:

i. CORBA

ii. SERVLETS