

Networking Programming (IT-355, DEC-06)

Note: Attempt five questions, selecting at least one question from each unit.

UNIT-1

1. a) What is data hiding? Explain the various access controls in Java.
b) What are Data Members, Static Variables and Member functions of a class? Discuss with example.
2. Discuss the following:
 - a) Java Portability
 - b) Data Types of Java
 - c) Multidimensional Arrays
 - d) Types of Inheritance

UNIT-2

3. a) Write a program in Java for reading and Writing on Files.
b) Giving an example, explain how user defined exceptions can be created and used in Java?
4. a) What are the different ways to implement threading in Java? Explain with example.

UNIT-3

- b) Discuss the various input/output classes in Java.
5. a) Explain the APPLET tag and discuss Applet Architecture.
b) What are Sockets? Explain TCP/IP Client and Server Socket Classes in Java.
c) Discuss Database Transactions.
6. a) What are the basic steps that all Java Programs follow to talk to a database using the JDBC? Explain with suitable example.
b) What do you mean by Network Programming? Write a client and server socket program in Java.

UNIT-4

7. a) What are Adapter Classes? Discuss Java event handling.
b) What do you mean by Servlet? How is it different from Java Applets? Discuss its advantages.
8. a) Discuss any five controls supported by AWT.
b) Explain Servlet Life Cycle in detail.