

ADVANCED JAVA PROGRAMMING

Unit I

JDBC Overview - Connection Class - MetaData Function - SQLException - SQL warning - Statement – Result Set - Other JDBC Classes.

Unit II

InetAddress - TCP/ IP client sockets - TCP/ IP server sockets - URL - URL Connection - Datagrams - Client/ Server application using RMI.

Unit III

Bean Development Kit - Jar Files - Introspection - Design Pattern for properties, events and methods - Constrained Properties - Persistence – Customizers.

Unit IV

Life Cycle of Servlet - Generic Servlet - HTTP Servlet - Reading Initialization Parameters - Reading Servlet Parameters - Cookies - Session Tracking.

Unit V

Applet - Button - Combo - Trees - Tables - Panes - AWT Classes - working with Graphics, Color and Font.

Text Books

1. Patrick Naughton & Herbert Schildt, "The Complete Reference: Java 2", Tata McGraw Hill, 1999. (Chapter - 18, 21, 24, 25, 26, 27)
2. Joseph Weber, "Using Java 2 Platform", Prentice Hall of India, 2000. (Chapter- 39, 40)

References

1. Deitel & Deitel, "Java How to Program", Prentice Hall, 5th Edition ,2002.
2. Peter Hagggar, "Practical Java: Programming Language Guide", Addison-Wesley Pub Co, 1st Edition, 2000.
3. Bruce Eckel, "Thinking in Java", Pearson Education Asia, 2nd Edition, 2000.