Unit: 1 [15%]
Introduction to J2EE Platform and Architecture
The J2EE Platform, The J2EE Architecture Containers, J2EE Technologies
Developing J2EE Applications, Introducing Java Mail and JMS

Unit: 2 [10%]
Database Programming
ODBC and JDBC Drivers, Connecting to Database with the java.sql Package, Using JDBC

Unit: 3 [25%]
Servlets
Introduction to Servlets and architecture , Servlet Life Cycle, Servlet based Applications, type of servlet, Servlet and HTML,Session management
JSP
Introduction to JSP, JSP implicit objects, JSP based Applications, Session Management

Unit: 4 [20%]
Remote Method Invocation (RMI)
The RMI Architecture, RMI Exceptions, Developing Applications With RMI,   Parameter Passing in RMI
XML
XML syntax and semantics, Document Type Definitions (DTDs),
XML based applications

Unit: 5 [25%]
Java Beans
An overview of Java Beans, Requirement, Development and Scope of Java Beans, Design consideration and Naming conventions of Java Beans and Guideline.
Enterprise Java Beans (EJB)
Introduction to EJB, Entity Beans, Session Beans

Unit: 6 [05%]
Struts
What is Struts?, Development Models, Model-view-controller architecture,
Struts flow with an example application

Text Books :-
   1. Professional Java Server Programming by Subrahmanyam Allamaraju
Reference Book : -
   1. J2EE Bible   by Justin Couch and Deniel H. Steinberg
   2. Professional Java Server Programming Volume I and II, Wrox Publication.
   3. J2EE Unleashed by Joseph J. Bambara, BPB publications
   4. Enterprise JAVA J2EE 1.3 complete, BPB publications
   5. The complete Reference Struts (seventh edition).