

JAVA ENTERPRISE COMPUTING

5 Marks:

UNIT-I

1. Write a program to implement the concept of JScrollPane.
2. Explain JComboBox with an example.
3. What is the difference between swing and awt?
4. What are controls and what are different types of controls in AWT?

UNIT-II

1. Explain the reasons to use Java Servlet.
2. Explain how to dissect the Servlet.
3. Give the difference between GET and POST method with example.
4. What are the methods in servlet life cycle? Explain.

UNIT-III

1. Explain about Invoking a Servlet.
2. Explain basic JDBC Servlet with an example.
3. Write brief notes on Servlet chaining.
4. Write an example program in Servlet Chaining.

UNIT-IV

1. Write short notes on BDK.
2. Explain in short about Introspection
3. Explain Implicit variables in Java Beans.
4. Discuss the declarations in JSP.

UNIT-V

1. Write short notes on overview of EJB architecture.
2. Discuss the conversation of EJB in brief.
3. Explain EJB servers in short.
4. Discuss the view of an EJB Conversation.

8 Marks:

UNIT-I

1. Write a program to implement the concept of JTabbedPane.
2. Explain the Java Labels and Icons with an example.
3. How to implement the concept of Tree in Swing.
4. Describe the concept of check box and radio button.

UNIT-II

1. Explain the practical application for Java Servlet.
2. Write down the life cycle of a servlet with example.
3. Explain java servlet architecture.
4. How to build and install the Basic Servlet? Explain with example.

UNIT-III

1. Describe Servlet chaining in detail.
2. Write a program to implement the concept of genericservlet.
3. Explain 2-Tier architecture with example.
4. Analyse 3-Tier architecture with example.
5. Explain JDBC driver types in detail.

UNIT-IV

1. Write the program to implement the concept of Simple Property Bean.
2. Explain Java Scriptlets and Expressions with example.
3. Describe User Defined java beans with syntax and example.
4. Explain the conditions and directives used in Java Beans.

UNIT-V

1. Explain EJB architecture in detail.
2. How to build EJB? Explain with example.
3. How to deploy EJB? Explain with example.
4. Describe the role of EJB in detail.