

Java and Web Technologies

Question Bank 16CS5813

Unit-1:

- 1.Explain in detail about frameset tag and need of Dynamic HTML.
- 2.Write a Java Script program that asks for a number in a HTML File and computes factorial, displays it.
- 3.Explain in detail about built-in objects in JavaScript.
- 4.Write a Java Script program that asks for user name, password, mail id, phone number fields in HTML file and validate them by taking assumptions.
- 5.Explain in detail about forms and lists.
- 6.Write a HTML Program that displays
 - A) WEB TECHNOLOGIES in different headings.
 - B) an Image that scrolls from top to bottom.
- 7.Demonstrate about the types of cascading style sheets.
8. Discuss about HTML table with suitable example.

Unit-2:

- 1.Differentiate between DOM and SAX parsers and give an example for each.
- 2.Describe the swing components JTree and JTabbedPane in detail.
- 3.Discuss about a) DTD b) Schemas
- 4.Write an AWT program for handling Keyboard Events.
- 5.Explain in detail about Cascading style sheets.
- 6.Write about a) differences between HTML and XML
 - b) List the properties of XML and Give an Example
7. Discuss in detail about A) presenting XML with examples.
 - B) Write about Applet life cycle with an example program that display hello message

8. Discuss about the A) JTree B) JTabbedPane

Unit-3:

1. Discuss about A) Bean Info B) Bean Customization

2. Discuss about Bean Introspection in detail.

3. Write the installation procedure of tomcat server with dialog windows.

4. Explain in detail about Servlet API, and javax.servlet package.

5. Explain in detail about servlet parameters and reading initialization parameters.

6. Write about AWT Components in detail and sketch the components hierarchy

7. Describe about A) Bean Info interface B) Bound properties C) Constrained Properties

8. Draw AWT Events Hierarchy and write program on handling Mouse Events.

9. Discuss about A) Java Beans API B) Advantages of Java Beans.

10. Describe about Introduction to java beans with suitable example

Unit-4:

1. Explain in detail about javax.servlet.http package.

2. Explain about sharing session, application between JSP pages in detail.

3. Demonstrate about (i) Database programming using JDBC. b) Specific database actions.

4. Discuss in detail about a) problems with Servlets

b) Anatomy of JSP Page

5. Explain in detail about handling HttpServletRequest and HttpServletResponse with examples.

6. Discuss about the JSP Application based on MVC Architecture

7. Demonstrate about the AJAX with methods.

8. Explain cookies in servlet with suitable example.

Unit-5:

1. Write briefly about error Handling and debugging procedure in JSP.
2. Write briefly about javax.sql package in detail.
3. Discuss about the following
 - a) Write about generating dynamic content.
 - b) Write about JSP implicit objects with examples fragments.
4. Explain about database access in the JSP with suitable example.
5. Explain JDBC Drivers in JSP.
6. Discuss about retrieving data from JDBC Database Connectivity.
7. Demonstrate about javax.sql package in detail.
8. Briefly write on Sharing Data between JSP pages and Requests