

Unit 3 Java Servlets and XML: Question Bank

1. Describe the following web technologies? i. XML ii. HTML
2. Discuss the XSLT technology with an example.
3. What is the purpose of DOM node tree? Draw/Create DOM node tree for simple HTML page.
4. Write a servlet program to accept username and password from the client and verify if username = "ADMIN" and password = "ADMIN" then redirect to success page otherwise redirect to failure page?
5. Discuss and write about both Internal and External DTDs be used in an XML File? Show with an example.
6. Describe the Concept of Session and Cookies in Servlets? Write one program to demonstrate a session or cookies.
7. Write a program to illustrate the working principle of AJAX.

Unit 4 JSP and Web Services: Question Bank

1. List and elaborate any five JSP implicit objects
2. Explain the concept of JavaBeans Classes & JSP with suitable example.
3. Recall and write the concept of SOAP.
4. What are the different configuration files are requires to develop any struts application? Explain each configuration file.
5. Mention the JSP Support for Model View Controller (MVC) with a neat diagram.
6. Draw and explain neat diagram which depicts MVC to the struts architecture
7. Recall and write the concept of WSDL.

Unit 5 Server-Side Scripting Languages: Question Bank

1. Summarize PHP Arrays & PHP Functions with an example.
2. Explain about ASP.NET Controls with detail.
3. Explain the concept of WAP & WML with an example.
4. State the concepts of PHP File Handling Functions with an example.
5. Describe about features & applications about Node JS.
6. Demonstrate the connection between PHP and MySQL.
7. Explain the concept of .NET framework and C#.

Unit 6 Ruby and Rails: Question Bank

1. List the different Scalar Types & Control Statements available in Ruby. Explain with the correct syntax of declaration of it.
2. Explain Rails with AJAX and document request in Rails.
3. Write a console application program to demonstrate to receive the input from the user and display it on screen.
4. Write a Ruby on Rails program which will accept username and password in a form, which will compare both in the code to display success or failure.
5. Explain the Ruby in relation with the following in brief:
 - i. Arrays
 - ii. Hashes
 - iii. Pattern Matching
6. Explain the concepts of arrays in Ruby? Explain it with simple code?
7. Explain Rails database connection. Also explain layout and style sheets in Rails.