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**Department of Computer Engineering**  
**Subject: WEB TECHNOLOGY**

**Question Bank**

	Explain sessions and cookies in servlets.
	Explain DTD in XML with Schema, Elements and attributes.
	Explain Servlet architecture and lifecycle.
	Differentiate XML vs HTML. Also explain the concept of AJAX.
	Explain concept of JSP and Elaborate on JSP support for Model View Controller i.e. MVC.
	Explain struts framework and its components. Also explain validation, interceptors in struts.
	Discuss the JSP and Servlets with respect to translation of JSP into Servlets.
	Write a note on WSDL and SOAP
	Explain Functions and MySQL connection in PHP.
	Explain the concept of .NET framework and C#.
	Explain Form handling and files in PHP.
	Explain WAP, WML and NodeJS.
	Explain overview of C# and .NET
	Explain different scalar types, operators and control statements in Ruby.
	Explain Rails database connection. Also explain layout and style sheets in Rails.
	Explain the Ruby in relation with the following in brief: <ul style="list-style-type: none"><li>i. Arrays</li><li>ii. Hashes</li><li>iii. Pattern Matching</li></ul>
	Explain Rails with AJAX and document request in Rails.
	Discuss and write about both Internal and External DTDs be used in an XML File? Show with an example.
	Describe the Concept of Session and Cookies in Servlets? Write one program to demonstrate a session or cookies.
	Write a program to illustrate the working principle of AJAX
	Explain the concept of JavaBeans Classes & JSP with suitable example.
	Recall and write the concept of SOAP.

	Mention the JSP Support for Model View Controller (MVC) with a neat diagram.
	Recall and write the concept of WSDL.
	Summarize PHP Arrays & PHP Functions with an example.
	Explain the concept of WAP & WML with an example.
	State the concepts of PHP File Handling Functions with an example.
	Demonstrate the connection between PHP and MySQL.
	List the different Scalar Types & Control Statements available in Ruby. Explain with the correct syntax of declaration of it
	Write a console application program to demonstrate to receive the input from the user and display it on screen.
	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.
	Explain the concepts of arrays in Ruby? Explain it with simple code?