



**SIDDHARTHA INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR  
(AUTONOMOUS)**

**Siddharth Nagar, Narayanavanam Road – 517583**

**QUESTION BANK (DESCRIPTIVE)**

**Subject with Code: Web Technologies(20CS0524)Course & Branch : B.Tech – CSE/CSIT**

**Year &Sem : III B.Tech&II-SemRegulation : R20**

**UNIT-I  
MARKUP LANGUAGES & STYLE SHEETS**

1	a	What is HTML? Briefly explain the tags in HTML?	[L1] [CO1]	[06M]
	b	Explain XHTML and Specify some new tags in XHTML?	[L4] [CO1]	[06M]
2		Create a simple webpage using HTML5 Semantic and Structural Elements.	[L6] [CO1]	[12M]
3		Explain HTML 5.0 and mention the tag differences between HTML and HTML 5.0?	[L2] [CO1]	[12M]
4	a	Write a short note on W3C.	[L3] [CO1]	[06M]
	b	Define frame.Create a HTML page that displays multiple frames in a window.	[L5] [CO1]	[06M]
5	a	Discuss in detail about Multimedia with an example.	[L6] [CO1]	[06M]
	b	Explain Working with Images with example.	[L2] [CO1]	[06M]
6	a	What is CSS? Explain with syntax.	[L6] [CO3]	[04M]
	b	Distinguish between CSS and CSS 5.0	[L2] [CO1]	[08M]
7		List and explain in detail the various selector strings with example.	[L1] [CO1]	[12M]
8	a	Determine the features of cascading style sheets.	[L6] [CO3]	[04M]
	b	Discuss in detail about background in CSS.	[L6] [CO3]	[08M]
9		In how many ways we can insert CSS in an html document with an example.	[L1] [CO3]	[12M]
10		Create a webpage using HTML and add CSS to the webpage.	[L2] [CO3]	[12M]

**UNIT-II  
CLIENT-SIDE PROGRAMMING**

1		Briefly discuss about history and versions of JavaScript.	[L1][CO2]	[12M]
2		Define Function in JavaScript. Write a program using functions with arguments.	[L2][CO2]	[12M]
3		Explain briefly about Built in Javascript Objects.	[L1][CO2]	[12M]
4		Explain the JavaScript Debuggers with example.	[L2][CO2]	[12M]
5	a	Explain JavaScript Arrays?	[L5][CO2]	[06M]
	b	What are the primitive data types in JavaScript?	[L6][CO2]	[06M]
6		What are the Operators in JavaScript with example?	[L1][CO2]	[12M]
7		Write a JavaScript validation for creating registration form	[L1][CO2]	[12M]
8		List and explain JavaScript operators with an example.	[L2][CO3]	[12M]
9		State and explain the types of statements in JavaScript.	[L1][CO2]	[12M]
10	a	Develop a program using onclick Event in JavaScript.	[L6][CO2]	[06M]
	b	Write a JavaScript program for Fibonacci series.	[L6][CO2]	[06M]

**UNIT-III**  
**HOST OBJECTS AND SERVER-SIDE PROGRAMMING**

1	A	List out some of the HTML intrinsic event attributes.Explain in detail?	[L1][CO1]	[06M]
	b	Describe the functions of do Get() and do Post() methods?	[L2][CO3]	[06M]
2		Write a servletcode to get parameters from HTML document.	[L2][CO5]	[12M]
3	A	Difference between GenericServlet and HttpServlet.	[L4][CO3]	[06M]
	b	Describe DOM Event handling.	[L2][CO4]	[06M]
4		State and explain intrinsic event handling with example.	[L1][CO3]	[12M]
5		Describe the servlet architecture and Execution of servlet for the program to display a welcome message on the client system.	[L2][CO3]	[12M]
6		What is servlet? What are the advantages of servlet? Explain the Lifecycle of servlets.	[L1][CO5]	[12M]
7		Explain about a) HTTP servlet Reques tb) HTTP servlet Response with syntax.	[L1][CO5]	[12M]
8		Create html and servlet to demonstrate invoking a servlet from a html.	[L6][CO5]	[12M]
9		Illustrate in detail about working of cookies with an example.	[L2][CO5]	[12M]
10		Create a Java servlet program to change the Background color of the page by the color selected by the user from the list box.	[L6][CO5]	[12M]

**UNIT-IV**  
**INTRODUCTION TO PHP AND REPRESENTING WEB DATA**

1	a	What do you mean by PHP? Define cookies with example?	[L1][CO5]	[06M]
	b	What is the use of XML declaration? Briefly XMLParsers?	[L1][CO4]	[06M]
2		State and explain built-infunctions in PHP.	[L1][CO5]	[12M]
3		Develop a php program to check the user credentials,whether they are correct are not. If The credentials are correct then the user will be redirected to another page.	[L6][CO5]	[12M]
4	a	Explain Regular expressions in PHP with an example.	[L3][CO5]	[06M]
	b	Discuss XML Namespaces.	[L6][CO4]	[06M]
5	a	Write a program to find average of first ten natural numbers using for loop.	[L6][CO4]	[06M]
	b	Illustrate SAX-Transforming XML documents.	[L2][CO4]	[06M]
6		Explain DOM based XML processing.	[L3][CO4]	[12M]
7		List the types of XML DTD with an example.	[L1][CO4]	[12M]
8		Describe program control statements in PHP.	[L4][CO5]	[12M]
9		Write a Java servlet Program to implement the Book Information using JDBC.	[L3][CO5]	[12M]
10		What is the difference between Session and Cookie? create a session, to set a value in session, and to remove data from a session.	[L6][CO5]	[12M]

**UNIT-V**  
**AJAX**

<b>1</b>	<b>a</b>	What are Web Services? Describe in Detail?	[L2] [CO6]	[06M]
	<b>b</b>	Define AJAX with example?	[L1] [CO6]	[06M]
<b>2</b>	<b>a</b>	How XML is changing the Web?	[L2] [CO5]	[06M]
	<b>b</b>	Write short notes on simple Ajax application.	[L6] [CO6]	[06M]
<b>3</b>		Explain client server architecture in AJAX.	[L3] [CO6]	[12M]
<b>4</b>		Illustrate the method of creating a web service client with an example.	[L2] [CO5]	[12M]
<b>5</b>		Explain Java webservice API with an example.	[L1] [CO5]	[12M]
<b>6</b>		Briefly discuss storing java objects as files.	[L3] [CO5]	[12M]
<b>7</b>		Explain structure of structure, advantages and disadvantages?	[L3][CO5]	[12M]
<b>8</b>	<b>a</b>	Discuss in Detail about MIME?	[L2][CO6]	[06M]
	<b>b</b>	Explain in Detail about UDDI?	[L2][CO6]	[06M]
<b>9</b>		Design simple application for accessing the data using XML.	[L5][CO4]	[12M]
<b>10</b>	<b>a</b>	What is the difference between XML HTTP Request and AJAX?	[L1][CO6]	[06M]
	<b>b</b>	Discuss the security issues of AJAX.	[L2][CO6]	[06M]

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