SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY :: PUTTUR

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QUESTION BANK (DESCRIPTIVE)

Subject with Code : Web Technologies(20MC9116)   **Course & Branch**: MCA

Year & Sem: II & I   **Regulation:** R20

UNIT –I

HTML5 & CSS

1	a) Define HTML. Write basic tags of HTML.	[L1][CO1]	[06M]
	b) Develop a webpage to demonstrate Heading tags in HTML.	[L3][CO1]	[06M]
2	Discuss about formatting txt in html with example program.	[L2][CO1]	[12M]
3	a) Explain the structure of HTML program.	[L2][CO1]	[06M]
	b) What are the merits and demerits of html?	[L1][CO1]	[06M]
4	a) Discuss about forms in html.	[L2][CO1]	[06M]
	b) Explain about HTML controls with example	[L2][CO1]	[06M]
5	a) What is <IMG> tag? What are the attributes used with <IMG> tag?	[L1][CO1]	[06M]
	b) What is <TABLE> tag? What are the attributes that can be use with table tag?	[L1][CO1]	[06M]
6	Design a webpage which shows the information of an organization.	[L6][CO1]	[12M]
7	a) What is Hyperlink? How they are created?	[L1][CO1]	[06M]
	b) Develop an html program to demonstrate hyperlink.	[L3][CO1]	[06M]
8	a) What do you mean by FRAME? How these can be created in webpage?	[L1][CO1]	[06M]
	b) Explain the <FRAME>, <FRAMESET> tags.	[L2][CO1]	[06M]
9	a) Explain various media tags in HTML5 with examples.	[L2][CO1]	[06M]
	b) How will you insert an image in a HTML page?	[L2][CO1]	[06M]
10	Define CSS. Analyze about working with style sheets.	[L1][CO1]	[12M]

UNIT –II

JAVASCRIPT & JAVASCRIPT FUNCTIONS AND OBJECTS

1	a) Explain various conditional operators in JavaScript.	[L2][CO2]	[06M]
	b) Build a JavaScript application to demonstrate Arithmetic operators.	[L3][CO2]	[06M]
2	a) List various features of JavaScript.	[L1][CO2]	[06M]
	b) Discuss JavaScript Data types with an example program.	[L1][CO2]	[06M]
3	a) Distinguish while & do-while in JavaScript with an example.	[L5][CO2]	[06M]
	b) Build a JavaScript code to compare three numbers and to display the maximum number.	[L3][CO2]	[06M]
4	Design a web page to demonstrate string objects in JavaScript.	[L4][CO2]	[12M]
5	List out the importance of JavaScript. Explain the usage of JavaScript in HTML document.	[L1][CO2]	[12M]
6	Choose various conditional statements in JavaScript with an example program.	[L6][CO2]	[12M]
7	Identify various math and date objects in Java Script and explain wih examples.	[L3][CO2]	[12M]
8	a) Explain various comparison operators in JavaScript	[L2][CO2]	[06M]
	b) Build a JavaScript application to demonstrate Logical operators.	[L3][CO2]	[06M]
9	Design a web page to demonstrate array objects in JavaScript.	[L4][CO2]	[12M]
10	a) What are events? Explain events used in JavaScript.	[L1][CO2]	[06M]
	b) How object is created in Java Script. Explain	[L2][CO2]	[06M]

UNIT-III

SERVELETS AND JAVA SERVER PAGE

1	a) Define Cookies. Explain with diagram how cookies work.	[L1][CO3]	[06M]
	b) Explain different types of cookies along with their classes & method.	[L2][CO3]	[06M]
2	Discuss various session tracking techniques in detail.	[L2][CO3]	[12M]
3	Analyze with steps to handle http request and response.	[L4][CO3]	[12M]
4	How will you read the servlet parameters? Explain the examples.	[L2][CO3]	[12M]
5	a) List various interfaces and classes in javax.servlet package.	[L1][CO3]	[06M]
	b) List various interfaces and classes in javax.servlet.http package.	[L1][CO3]	[06M]
6	a) What is JSP?	[L1][CO3]	[04M]
	b) Identify the need of JSP? Explain clearly.	[L3][CO3]	[08M]
7	Clearly Explain the life cycle of JSP.	[L2][CO3]	[12M]
8	Create simple JSP page and explain the steps involved withi in it.	[L3][CO3]	[12M]
9	List implicit objects in JSP. Explain clearly.	[L1][CO3]	[12M]
10	What are the JSP basic tags? Explain any JSP program using tags.	[L1][CO3]	[12M]

UNIT-IV

PHP & PHP FUNCTIONS

1	What is PHP? What is variable in PHP? Explain variables in detail.	[L1][CO4]	[12M]
2	a) List and discuss various data types available in PHP.	[L1][CO4]	[06M]
	b) Explain String of PHP in detail.	[L2][CO4]	[06M]
3	Analyze about echo, print & constants in PHP.	[L4][CO4]	[12M]
4	Discuss about operators of PHP in detail.	[L2][CO4]	[12M]
5	a) How will you define a function in PHP? Explain.	[L1][CO4]	[05M]
	b) Develop PHP program to illustrate a function.	[L6][CO4]	[07M]
6	Identify the role of control structures of PHP in detail.	[L3][CO4]	[12M]
7	a) What is an array in PHP?	[L1][CO4]	[05M]
	b) Design a sample program to demonstrate array.	[L6][CO4]	[07M]
8	Explain the process of handling a form with example.	[L3][CO4]	[12M]
9	Explain the process of handling files of PHP in detail.	[L5][CO4]	[12M]
10	Identify the steps to handle errors and exceptions in PHP?	[L3][CO4]	[12M]

UNIT-V

AJAX & AJAX DATABASE

1	a) What is AJAX? Why AJAX is necessary?	[L1][CO5]	[06M]
	b) Explain XMLHttp of AJAX in detail.	[L2][CO5]	[06M]
2	Briefly explain the process of having XML using AJAX.	[L2][CO5]	[12M]
3	Discuss about requests, responses in AJAX.	[L2][CO5]	[12M]
4	Clearly explain with steps to access the database in AJAX?	[L3][CO5]	[12M]
5	Explain how do you handle dynamic HTML with AJAX?	[L2][CO5]	[12M]
6	Analyze and explain requests handle in AJAX?	[L4][CO5]	[12M]
7	Analyze how will you access data from the tables stored in database?	[L4][CO5]	[12M]
8	Explain PHP with AJAX in detail using a program.	[L2][CO5]	[12M]
9	Develop an AJAX program that access details from XML and display the same.	[L6][CO5]	[12M]
10	Identify the process of sending data to the server using i) GET ii) POST	[L3][CO5]	[12M]

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