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Code No.: 16109 N(E)

VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD B.E. (CBCS) VI-Semester Main Examinations, May-2019

Introduction to Web Technologies

(Open Elective-VI)

Time: 2 hours

Max. Marks: 50

Note: Answer ALL questions in Part-A and any FIVE from Part-B

Q.No.	Stem of the question						CO	PC
			Part-A	$(5 \times 2 = 10 \; Marks)$				
1.	State the differences between Web browser and Web Server.				2	1	1	1
2.	List any four text formatting tags and their usage with examples.					2	1	1
3.	The following	2	4	2	2			
	<html></html>							
	<head> <</head>							
	<body t<="" td=""><td></td><td></td><td></td><td></td></body>							
	<scrip< td=""><td></td><td></td><td></td><td></td></scrip<>							
	-</td <td></td> <td></td> <td></td> <td></td>							
	<td></td> <td></td> <td></td> <td></td>							
	When the above web page is loaded into a browser, will it display something on the browser or it displays error message? Justify your answer.							
4.	Write a code snippet to display an image that when clicked will link to a search engine (Ex: Google) of your choice (should be opened in a new window).					3	2	2
5.		between	 and	d <div> tags with example.</div>	2	2	1	1
-				$(5 \times 8 = 40 Marks)$				-
6.a)	Write the U	TMI node		•	4	2	1	2
0.a)	Write the HTML code representing the following diagram using table tag.						1	1 4
	Roll No.	Name Ram	Subject Web Tech	Marks 78				
	12	Shyam	DBMS	65				
	13	Krishna	SE	82		e las		
b)			scribe the	types of CSS selectors and its syntax with	4	2	1	1
	related examples.							
7.a)	Create a simple HTML page which illustrates the three types of list. Try adding a definition list which uses unordered lists to define terms.					2	1	1
,								
b)							1	-
	with suitable examples.							

8.a)	Create a html page with following specifications: i) Title should be "About myCity" ii) Place your City name at the top of the page in large text and in blue color. iii) Add names of landmarks in your city each in a different color, style and typeface. iv) One of the landmark, your college name, should be blinking. v) Add scrolling text with a message of your choice.	4	3	1	2
b)	Describe the significance of the style sheets and discuss why we would go for CSS in designing a web page, where the same can be accomplished with HTML.	4	2	1	1
9.a)	Define Array. Describe the different ways to create an array in JavaScript with suitable examples.	4	2	2	1
b)	Write a Java script program to find the max and min elements of an array. The user has to enter the values of an array through an input box.	4	3	2	2
10.a)	Create a web page to display the following: First Name Middle Name Last Name Gender M F C Submit Reset	5	3	2	2
b)	Discuss about the control structures used in JavaScript with suitable examples.	3	2	2	1
11.a)	Describe String object in JavaScript? Write a JavaScript code by using the methods available in the above object.	4	2	2	1
b)	Define Event Handling. Discuss in detail about all the keyboard events in JavaScript with suitable examples.	4	2	2	1
12.a)	Create a HTML document with JavaScript code that i) Has three textboxes and a button ii) The details to be accepted using textboxes are principal, rate of interest, and duration in years. iii) When user clicks the Ok button a message box appears showing the simple interest of principal amount	5	3	2	2
b)	Give an implementation for the <video> tag, to embed a video stored at http://www.example.com/amazing_video.mp4. Set the video a width of 640 pixels by 360 pixels. Provide the user with controls.</video>	3	4	1	2

M: Marks; L: Bloom's Taxonomy Level; CO: Course Outcome; PO: Programme Outcome

S. No.	Criteria for questions	Percentage
1	Fundamental knowledge (Level-1 & 2)	62
2	Knowledge on application and analysis (Level-3 & 4)	38
3	*Critical thinking and ability to design (Level-5 & 6)	
	(*wherever applicable)	