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Internal Assessment Test 2 – October 2019

Sub:	Web Technology and its Applications				Sub Code:	15CS71	Branch:	ISE		
Date:	12-10-2019	Duration:	90 min's	Max Marks:	50	Sem / Sec:	7 <sup>th</sup> / A & B			
<u>Answer any FIVE FULL Questions</u>								MARKS	CO	RBT
1	List any five form related HTML elements. Explain the usage of each with a code snippet.					[10]		CO2	L2	
2	(a) What is Web Accessibility? Explain “for” attribute used in <label> tag and relate it to Web Accessibility.					[5]		CO2	L2	
	(b) Briefly describe and differentiate between fixed, liquid, and Hybrid layout strategies.					[5]		CO2	L2	
3	(a) How does one access a particular HTML tag through JavaScript? Explain with a code snippet.					[4]		CO3	L2	
	(b) Write an HTML to read ‘n’ and generate ‘n’ Fibonacci numbers using JavaScript function.					[6]		CO3	L3	
4	(a) Discuss the advantages and disadvantages of client-side scripting.					[5]		CO3	L2	
	(b) What is a Listener? Explain Inline Event Handler Approach and Listener Approach with an example.					[5]		CO3	L2	
5	(a) What are server-side include files? Why are they important in PHP?					[5]		CO3	L2	
	(b) Describe the steps taken by the Zend Engine when it receives a PHP request.					[5]		CO3	L1	
6	(a) Describe the difference between the multi-threaded and multi-process setup of PHP in Apache.					[4]		CO3	L2	
	(b) Write a PHP function to check if the number ‘n’ is prime or not.					[6]		CO3	L3	
7	(a) Design the HTML table given in <b>figure-01</b> and justify.					[05]		CO2	L3	
	(b) Which are the essential attributes of a <form> element? Compare POST and GET methods.					[05]		CO2	L2	
8	(a) Write the CSS and HTML to create the layout given in <b>Figure-02</b> using positioning and floating. <i>Note: Consider appropriate measurements in the code to look alike.</i>					[10]		CO2	L3	

😊~~~ALL THE BEST~~~😊

Quick	brown fox	jumps
	lazy	dog and
over the	then	it fall
	prey to a lion	

Figure-01

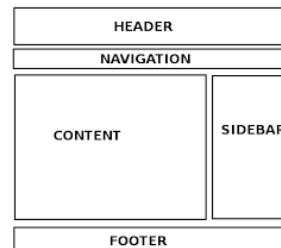


Figure-02

### Internal Assessment Test 2

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#### Scheme of Evaluation (SoE)

Q#	Question	Marks Distribution	Max Marks
1	List any five form related HTML elements. Explain the usage of each with a code snippet.	5 X 2M = 10M	[10]
2 (a)	What is Web Accessibility? Explain “for” attribute used in <label> tag and relate it to Web Accessibility.	Definition =2M + 3M for example= 3M	[5]
(b)	Briefly describe and differentiate between fixed, liquid, and Hybrid layout strategies.	Differences 3M + 3M for examples	[5]
3 (a)	How does one access a particular HTML tag through JavaScript? Explain with a code snippet.	Solution 2M + 2M for example = 4M	[4]
(b)	Write an HTML to read ‘n’ and generate ‘n’ Fibonacci numbers using JavaScript function.	Solution 4M + 2M code = 6M	[6]
4 (a)	Discuss the advantages and disadvantages of client-side scripting.	1 difference x 5M = 5M	[5]
(b)	What is a Listener? Explain Inline Event Handler Approach and Listener Approach with an example.	Definition 2M + 3M example = 5M	[5]
5 (a)	What are server-side include files? Why are they important in PHP?	Definition 2M + 3M for examples = 5M	[5]
(b)	Describe the steps taken by the Zend Engine when it receives a PHP request.	Procedure = 5M	[5]
6 (a)	Describe the difference between the multi-threaded and multi-process setup of PHP in Apache.	1 difference x 2M + 2M diagram = 4M	[4]
(b)	Write a PHP function to check if the number ‘n’ is prime or not.	Solution 4M + 2M code = 6M	[6]
7 (a)	Design the HTML table given in <b>figure-01</b> and justify.	Code 4M + 1M documentation = 5M	[05]
(b)	Which are the essential attributes of a <form> element? Compare POST and GET methods.	Definition 3M + POST and GET 2M = 5M	[05]
8 (a)	Write the CSS and HTML to create the layout given in <b>Figure-02</b> using positioning and floating.	Code 8M + 2M documentation = 10M	[10]

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over the	lazy	dog and
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	prey to a lion	

Figure-01

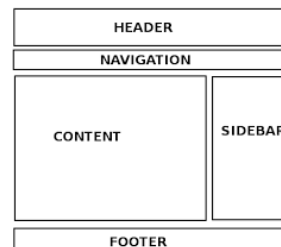


Figure-02