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Reg.No:

FRANCIS XAVIER ENGINEERING COLLEGE
(An Autonomous Institution)
B.E DEGREE – CONTINUOUS ASSESSMENT EXAMINATION II
Fifth Semester
Computer Science and Engineering
19CS5701– Internet Programming
(Regulation 2019)

Time: Three hours**Maximum: 100 Marks****Answer ALL Questions****PART – A (10 x 2 = 20 Marks)**

Q.No	Question	Max. Marks	CO-K Level	PO-P I Code
1.	Name the two traditional ways of assigning event handlers in DOM.	2	CO3-K3	1.3.1
2.	How HTML DOM allows java script to change the text color and background color of a particular element?	2	CO3-K3	3.3.1
3.	What is DTD?	2	CO4-K1	3.2.1
4.	How to use XML schema?	2	CO4-K3	3.3.1
5.	Write a PHP program to print factorial of a number.	2	CO4-K3	3.2.2
6.	Write a PHP program to convert an array to string with different parameters.	2	CO4-K3	3.2.2
7.	What is AJAX?	2	CO5-K1	3.2.1
8.	What are the elements of WSDL?	2	CO5-K2	1.3.1
9.	Write the SOAP structure	2	CO5-K3	3.2.2
10.	Write an example of a web services registry and its function.	2	CO5-K3	3.2.2

PART – B (5 x 13 = 65 Marks)

Q.No	Question	Max. Marks	CO-K Level	PO-PI Code
11 (a)	i) Explain about the document tree in detail.	6	CO3-K2	1.3.1
	ii) Explain DOM event handling in detail.	7		

	(OR)			
11 (b)	Write a program using mousemove, mouseover, mouseout events using javascript.	13	CO3-K4	3.2.2
12 (a)	Write XSLT code to display employee details in a Table form which is stored is XML. (OR)	13	CO4-K4	3.3.1
(b)	Illustrate in detail the XML schema, built in and user defined data types.	13	CO4-K2	3.3.1
13 (a)	Create college registration form is used to register students for a course in which students can fill their contact information, academic history etc. and validate the form using PHP. (OR)	13	CO4-K3	5.1.2
(b)	i) Using PHP Check if the type of a variable is integer or not	8	CO4-K3	3.2.2
	ii) Write a program using PhP for Fibonacci series using Recursive function	7		
14a)	Illustrate in detail about the object that helps AJAX reload parts of a webpage without reloading the whole page. (OR)	13	CO5-K2	3.3.1
(b)	Write a short notes on REST based JSON Web Services	13	CO5-K4	3.3.1
15 (a)	Design a web service using SOAP and display the value of the product using XML (OR)	13	CO5-K3	5.1.2
(b)	Discuss in detail about the XML Web Services .	13	CO5-K2	1.3.1

PART – C (1 x 15 = 15 marks)

Q.No	Question	Max. Marks	CO-K Level	PO-PI Code
16 (a)	Discuss in detail about Regular expressions in PHP (OR)	15	CO4-K2	1.3.1
(b)	Write XPATH code to xml file "course.xml" and a stylesheet for that xml file named "course.xsl". The XSL file uses the XPath expressions under select attribute of various XSL tags to fetch values of category,title,trainer,year,fees, of each course node.	15	CO4-K4	5.1.2

Competency Level Analysis:

Competence level	Revised Blooms' Taxonomy	Question No.	Marks	Contribution in %
K1	Remember	3,7	4	22.22%
K2	Understand	8,12b,14a,15b,16a	56	31.11%
K3	Apply	1,2,4,5,6,9,10,11a,11b,15a	53	29.44%
K4	Analyze	12a,13a,13b,16b	54	30
K5	Evaluate	14b	13	7.22%
K6	Create			
Total			180	100

Course Outcome	Marks	Contribution in %
CO3	30	16.66%
CO4	90	50%
CO5	60	33.3
Total	180	100

Prepared By

Verified By

Approved by