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

Time: Three hours   Maximum: 100 Marks
Answer ALL Questions

Note: Students are informed to spend minimum of first 15minutes to read and observe all the questions carefully and write the marks they can score for each questions in Pre-Exam valuation Marks Column and after Complete Exam they can asked to enter the Post- Exam Evaluation Marks Column.

PART – A (10 x 2 = 20 Marks)

Q.No	Question	Max. Marks	CO-K Level	PO-PI Code
1.	How can you use Column Spanning and Row Spanning?	2	CO1-K4	1.3.1
2.	How will you create a password field in a HTML form?	2	CO1-K4	3.2.2
3.	<table><tr><td>W</td><td>Y</td></tr><tr><td>X</td><td>Z</td></tr></table> Write HTML code to create the following table	2	CO1-K3	3.3.1
4.	Justify the uses of URL encoded in HTML?	02	CO1-K4	1.3.1
5.	Mention the need for cascading style sheets.	02	CO2-K2	1.3.1
6.	How will you include CSS in a web site?	02	CO2-K3	3.2.1
7.	Write a javascript program using prompt()	02	CO2-K4	3.2.1
8.	State the types of JavaScript statements with examples.	02	CO2-K3	3.3.1
9.	List the properties of HTML DOM?	02	CO3-K3	1.3.1
10.	How to add nodes in DOM Tree?	02	CO3-K3	3.3.1

PART – B (5 x 13 = 65 Marks)

Q.No	Question	Max. Marks	CO-K Level	PO-PI Code
11 (a)	Describe in detail about Internet and World Wide Web. (OR)	13	CO1-K2	1.3.1
11 (b)	Create a Restaurant Web Page with HTML forms in detail along with form elements, attributes and methods	13	CO1-K3	5.1.2
12 (a)	Explain how tables can be inserted into a HTML document with an example. (OR)	13	CO1-K4	3.2.1
(b)	How to Create a simple web page using HTML formatting tags.	13	CO1-K3	5.1.2
13 (a)	Develop a simple online shopping application using CSS Selectors. (OR)	13	CO3-K1	3.2.2
(b)	Create a web page for the college information using any one CSS type (Assume your own data)	13	CO2-K3	5.1.2
14a)	Design a form with following condition emp- name, product- name, dept-name etc should not be blank .Write a function for all these validation .When you introduce any number field, always check it is negative or not, if it so do not accept the input value. calculate Gross.value = val(basic.value + hra.value+da.value) (OR)	13	CO2-K3	5.1.2
(b)	Write a java script program to develop the arithmetic calculator.	13	CO2-K4	3.2.2
15 (a)	i)Apply HTML element id to find the DOM HTML element.	7	CO3-K3	3.2.1
	ii) illustrates the dom-manipulation using getElementById() Method. (OR)	6	CO3-K2	
(b)	i) Explain about the document tree in detail.	7	CO3-K2	1.3.1
	ii)Explain DOM event handling in detail.	6		

PART – C (1 x 15 = 15 marks)

Q.No	Question	Max. Marks	CO-K Level	
16 (a)	Create a HTML Form page for Railway Registration Form and apply HTML List elements (OR)	15	CO1-K3	5.1.2
(b)	Write the complete JavaScript to prompt the user for the radius of the sphere and call function sphere Volume to calculate and display the volume of the sphere. Use the statement. Volume=(4.0/3.0)*Math.PI*Math.pow(radius,3)	15	CO2-K4	3.2.1

Competency Level Analysis:

Competence level	Revised Blooms' Taxonomy	Question No.	Marks	Contribution in %
K1	Remember			
K2	Understand	5,11a,13a,15a(ii),15b	47	26.6%
K3	Apply	2,6,8,9,10,11b,12b,13b,14a,15a(i),16a	84	46.66%
K4	Analyze	1,2,4,7,12a,14b,16b	49	27.22%
K5	Evaluate			
K6	Create			
	Total		180	100

Course Outcome	Marks	Contribution in %
CO1	75	41.66%
CO2	75	41.66%
CO3	30	16.66%
Total	180	100

Prepared By   Verified By   Approved by