

THE KAVERY ENGINEERING COLLEGE
(An Autonomous Institution)

B.E/B.TECH DEGREE END SEMESTER THEORY EXAMINATIONS, NOV /DEC 2024

Sixth Semester

Computer Science and Engineering

CCS375 - Web Technologies

Regulations - 2021

Duration : 3 Hrs

Maximum : 100 Marks

PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
1.	How do you use a picture as the background in HTML?	RE	1	2
2.	How will you include CSS in a website?	RE	1	2
3.	Justify “JavaScript” is an event-driven programming”	EV	2	2
4.	List the validation properties and methods with an example.	AN	2	2
5.	Compare get request type and post request type.	UN	3	2
6.	List the various session tracking techniques.	RE	3	2
7.	What is meant by a XML namespace?	RE	4	2
8.	Develop a PHP script to set the background colour to blue on Tuesday in a given date	AP	4	2
9.	List the advantages of data binding	AN	5	2
10.	Compare Django and Angular JS	UN	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*13 = 65)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
11.	a i Summarize the structure of the HTTP request message and response message.	UN	1	5
	ii Construct a web page with the following using HTML. • To embed an image map in a web page. • To fix the hot spots. • Show all the related information when the hot spots are clicked.	AP	1	8
	Or			
	b i Explain about the various style sheets with examples.	UN	1	5
	ii Develop an online bus reservation application with the help of CSS style sheet and selector.	AP	1	8
12.	a Develop a Java script program to create user registration form using validation concept.	AP	2	13
	Or			
	b Develop a client side scripts for validating web form controls using DHTML.	AN	2	13
13.	a Explain in detail about servlet database connectivity with an example of student database.	UN	3	13

Or

	b	Examine the various categories of tags in JSTL and Create a JSP page with a form that takes user input for name, email, and age. Use JSTL to validate the age input and display an error message if the age is not a valid number.	UN	3	13
14.	a	Build the web application for result publication using PHP.	AP	4	13
		Or			
	b	Construct an XML which will display the book information. Which includes the following Title of Book, Author Name, ISBN Number Publisher, Edition, Price.	AP	4	13
		a) Write a DTD to validate XML File			
		b) Display XML as follows			
		i. The contents should be displayed in a table.			
		ii. The author Names column should be displayed in one color and capitalized should be in bold			
		iii. Use your own colors for remaining columns. Use XSL & amp.			
15.	a	Summarize the MVC Architecture in detail.	UN	5	13
		Or			
	b	Outline the web applications frameworks and tools.	UN	5	13

*PART – C (Marks 1*15 = 15)*

<i>Q.No</i>		<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
16.	a	Create online banking systems using JDBC connectivity.	CR	3	15
		Or			
	b	Create a XML document to parse an XML string into an XML DOM object and then extract the information of important note.	CR	4	15