

**CMR TECHNICAL CAMPUS
UGC AUTONOMOUS**

B. Tech. V Semester Regular End Examinations, Dec-2022

Web Technologies

Common to CSE, IT, CSEM & CSED

Time: 3 Hours

Max. Marks: 70

Note

- i. This Question paper contains Part- A and Part- B.
- ii. All the Questions in Part A are to be answered compulsorily.
- iii. All Questions from Part B are to be answered with internal choice among them.

PART-A

10 X 02 = 20 Marks

		Marks	CO	BL
1.	a	2	CO1	L 3
	b	2	CO1	L 1
	c	2	CO2	L 2
	d	2	CO2	L 3
	e	2	CO3	L 2
	f	2	CO3	L 1
	g	2	CO4	L 3
	h	2	CO4	L 4
	i	2	CO5	L 1
	j	2	CO5	L 1

PART- B

5 X 10 = 50 Marks

		Marks	CO	BL
2.	a	5	CO1	L 4
	b	5	CO1	L 3
OR				
3	a	10	CO1	L 3
4	a	5	CO2	L 6
	b	5	CO2	L 2

OR

5	a	What are the different types of lists in HTML? Explain how these lists are created in HTML with suitable examples.	5	CO2	L 3
	b	Create XML document and write DTD for student database which maintain details such as, register number, name, subject and marks.	5	CO2	L 6
6	a	How to handle HTTP requests and responses. Illustrate with an example servlet program.	6	CO3	L 3
	b	What is CGI? What are the advantages of servlet over CGI? OR	4	CO3	L 2
7	a	Explain about the procedure for connecting to the database using JDBC. Illustrate with an example program.	10	CO3	L 3
8	a	List and explain about various jsp implicit objects. OR	10	CO4	L 2
9	a	Write a JSP that displays current date and time.	4	CO4	L 3
	b	Explain about JSP Declarations with an example.	6	CO4	L 2
10	a	Write a JavaScript which accepts a number as an input and displays whether it is even or odd.	4	CO5	L 3
	b	Explain about form validation in JavaScript with an example. OR	6	CO5	L 3
11	a	What is an event. List and explain various Event handlers in JavaScript with an example.	10	CO5	L 2

CO : Course Outcomes

BL : Bloom's Taxonomy Levels

L 1: Remembering

L 2: Understanding

L 3: Applying

L 4: Analysing

L 5: Evaluating

L 6: Creating

**CMR TECHNICAL CAMPUS
UGC AUTONOMOUS**

**B. Tech. V Semester Regular & Supply End Examinations, January-2024
Web Technologies**

Common to AIML, CSG, CSE, IT, CSM & CSD

Time: 3 Hours

Max. Marks: 70

Note

- i. This Question paper contains Part- A and Part- B.
- ii. All the Questions in Part A are to be answered compulsorily.
- iii. All Questions from Part B are to be answered with internal choice among them.

PART-A

10 X 02 = 20 Marks

		Marks	CO	BL
1.	a	2	CO1	L1
	b	2	CO1	L1
	c	2	CO2	L1
	d	2	CO2	L1
	e	2	CO3	L1
	f	2	CO3	L1
	g	2	CO4	L1
	h	2	CO4	L1
	i	2	CO5	L1
	j	2	CO5	L1

PART- B

5 X 10 = 50 Marks

		Marks	CO	BL
2.	a	5	CO1	L2
	b	5	CO1	L2
	OR			
3.	a	5	CO1	L2
	b	5	CO1	L2
4.	a	5	CO2	L2
	b	5	CO2	L2
	OR			
5.	a	5	CO2	L3

	b	Distinguish about DOM and SAX Parsers in Java	5	CO2	L4
6	a	Explain the Life cycle of a Servlet with a neat sketch	5	CO3	L4
	b	What is Servlet API? How Servlet Parameters are read?	5	CO3	L4
		OR			
7	a	Compare about HTTP Request and Responses? Explain	5	CO3	L4
	b	Analyze the concept of connection to database using JDBC	5	CO3	L4
8	a	Explain the importance of JSP Code snippets? Develop a JSP program to display current date and time.	7	CO4	L5
	b	Discuss any three implicit objects in JSP?	3	CO4	L6
		OR			
9	a	Classify with suitable examples, difference between get and post in servlets.	5	CO4	L4
	b	Examine the concept of session tracking with an example	5	CO4	L4
10	a	Explain using a JavaScript to display whether given number prime or not.	5	CO5	L5
	b	Explain how to create a function using function over loading?	5	CO5	L5
		OR			
11	a	Design the concept how to create a Date object using JavaScript?	5	CO5	L6
	b	Discuss about the concept of event Handlers	5	CO5	L6

CO : Course Outcomes

BL : Bloom's Taxonomy Levels

L 1 : Remembering

L 2 : Understanding

L 3 : Applying

L 4 : Analysing

L 5 : Evaluating

L 6 : Creating
