A Code: 20CS503PC

HT NO: | 7 R | |

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

 $10 \times 02 = 20 \text{ Marks}$

5 X 10 = 50 Marks

		·	Marks	CO	BL
1.	a b	Write PHP script to find the length of the string. What is PHP? What are the common uses of PHP?	2 2	CO1 CO1	L 3 L 1
	С	What is DTD and explain the purpose of DTD.	2	CO2	L 2
	d	How do you add a border to a table?	2	CO2	L 3
	е	What is Session tracking? Explain.	2	CO3	L 2
	f	What is cookie?	2	CO3	L 1
	g	Write an example JSP expression.	2	CO4	L 3
	h	Explain the advantages of jsp over servlets.	2	CO4	L 4
	i	List the features of javascript.	2	CO5	L 1
	j	Define the scope of variable.	2	CO5	L 1

PART-B

		,	Marks	CO	BL
2.	a	Differentiate between for and foreach statements in PHP with examples.	5 ,	CO1	L 4
	Ъ	Write a PHP script to copy the contents of one text file into another text file.	5	CO1	L 3
3	a	OR Explain the steps involved in connecting to MySQL database using PHP? Write a PHP script to retrieve data from the MySQL database.	10	CO1	L 3
4	a	Create an HTML page to accept student's information for the following with an appropriate form elements: Student Name, Address, Gender, Languages known, City, and to submit and clear the contents.	5	CO2	L _. 6
	b	Explain about XML DOM parser with an example program. OR	5	CO2	L 2

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	5	a		erent types of lists i ated in HTML with			5	CO2	L'3
		Ъ	Create XML doc	ment and write Dietails such as, regis	ΓD for stu	dent database	5	CO2	L 6
	6	a		TTP requests and ervlet program.	responses	. Illustrate with	6	CO3	L 3
		b	What is CGI? WI	nat are the advantag	ges of serv OR	let over CGI?	4	CO3	L 2
	7	a		procedure for comparate with an exam			10	CO3	L 3
	8	a	List and explain a	bout various jsp in	nplicit obj OR	ects.	10	CO4	L 2
	9	a	Write a JSP that	displays current dat	e and time	3.	4	CO4	L 3
		b		P Declarations with	7		6	CO4	L 2
	10	a	Write a JavaScrip displays whether	ot which accepts a r it is even or odd.	number as	an input and	4	CO5	L 3
		b	• •	m validation in Jav	aScript w OR	ith an example.	6	CO5	L 3
	11	a	What is an event. JavaScript with a	List and explain van example.	arious Eve	ent handlers in	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

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CMR TECHNICAL CAMPUS

UGC AUTONOMOUS

B. Tech. V Semester Regular & SupplyEnd Examinations, January-2024 Web Technologies

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

Time: 3 Hours

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

 $10 \times 02 = 20 \text{ Marks}$

Max. Marks: 70

			Marks	CO	BL	
1.	a	How do you declare variables in PHP. Give an example	2	CO1	L1	
	b	List the file operations that can be performed in PHP	2	CO1	L1	
	c	What is a HTML Frame? Give an example	2	CO2	L1	
	d	What is a form in HTML?	2	CO2	L1	
	е	Write the purpose of Cookies in web page.	2	CO3	L1	
	f	What is servlet API?	2	CO3	L1	
	g	How JSP Page is Compiled?	2	CO4	L1	
	g h	List the advantages of Java Beans.	2	CO4	L1	
	i	What is the scope of variables in Java Script?	2	CO5	L1	
	j	How the keyword "new" is used to create objects in Java Script?	2	CO5	L1	

PART-B

 $5 \times 10 = 50 \text{ Marks}$

			Marks	CO	BL
_			_		
2.	a	Summarize about various functions used in PHP with examples.	5	CO1	L2
	b	Illustrate a PHP code to create a login page for a web application	5	CO1	L2
		OR			
3	a	Explain the concept of Handling sessions in PHP	5	CO1	L2
	b	Show a program in PHP to find out the length of a string	5	CO1	L2
4	a	Explain about XML Tags with example.	5	CO2	L2
	b	Show how an XML Schema can be created OR	5	CO2	L2
5	a	Identify the advantages of XML Schemas over DTD's	5	CO2	L3

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	b	Distinguish about DOM and SAX Parsers in Java	5	CO2	L4
6	a b	Explain the Life cycle of a Servlet with a neat sketch What is Servlet API? How Servlet Parameters are read? OR	5 5	CO3 CO3	L4 200
7	a b	Compare about HTTP Request and Responses? Explain Analyze the concept of connection to database using JDBC	5	CO3 CO3	L4 L4
8	a	Explain the importance of JSP Code snippets? Develop a JSP	7	CO4	L5
	b	program to display current date and time. Discuss any three implicit objects in JSP? OR	3	CO4	L6
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? OR	5	CO5	L5
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 L1: Remembering L2: Understanding

L 3 : Applying L 4 : Analysing

L 5 : Evaluating L 6 : Creating
