Nov – Dec 2023 (B.Tech) Program:Computer Engineering Scheme II Examination: TY Semester: V Course Code: CEDLC5052 and Course Name: Internet Programming	
Date of Exam: 5/12/2023	Duration: 2.5 Hours	Max. Marks: 60

Instructions:
(1)All questions are compulsory.
(2)Draw neat diagrams wherever applicable.
(3)Assume suitable data, if necessary.

			Max. Marks	CO	BT level
Q 1		**Solve any six questions out of eight:**	**12**		
	i)	A company wishes to display a list of employees whose performance is outstanding in the last 5 years. Display the details in tabular format. Design a web page which displays a table with table captions as Employee details and column names as Sr.No, EmployeeID,Employee Name, Department, Years of Experience, CTC. (Add minimum 3 records)	2	CO1	Ap
	ii)	Explain video control of HTML 5 with example.	2	CO1	U
	iii)	Write a JavaScript program to implement the concept of any one control statement.	2	CO2	Ap
	iv)	What is AJAX. Discuss advantages of Ajax?	2	CO4	U
	v)	Explain Document Type Definition with reference to XML	2	CO5	U
	vi)	Explain session handling in PHP with an example.	2	CO5	U
	vii)	Discuss the difference between GET and POST Methods.	2	CO3	U
	viii)	Explain the role of React JavaScript in web development.	2	CO6	U

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Q.2	**Solve any four questions out of six.**	**16**		
i)	What is CSS? Explain with an example the ways by which CSS is included in HTML	4	CO1	Ap
ii)	Explain Document object model (DOM) and different ways of manipulating DOM.	4	CO2	U
iii)	Analyze different session tracking methods used in Servlets.	4	CO3	An
iv)	Describe characteristics of Rich Internet Application(RIA).	4	CO4	U
v)	Differentiate between HTML and XML.	4	CO5	An
vi)	Write a note on life cycle of JSP.	4	CO3	Ap
Q.3	**Solve any two questions out of three.**	**16**		
i)	Being a web developer you have been assigned a task to design a website where sellers can add their Medicine products to sell on an ecommerce platform. Consider the product details as name, description, price, manufacturing date, expiry date, stock quantity, product image, warranty provided(options can be Yes or No). Design a screen to add the product using HTML5. Provide styling to the form using bootstrap. Validate the form using Java Script.	8	CO1	Ap
ii)	Write a short note on 1.Embedding a JSP code in to HTML Forms 2. JDBC connectivity to MySQL	8	CO3	U
iii)	Describe following with examples: 1. PHP Built in functions 2.PHP arrays	8	CO5	U

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Q.4	Solve any two questions out of three.	16		
i)	What is client side scripting? How does it differ from server side scripting? Write JavaScript code to perform arithematic operations like addition,substraction,multiplication and division.	8	CO2	Ap
ii)	Explain the features of React JS and Write the steps for designing "Hello World"Application in React.	8	CO6	U
iii)	Consider a JSON file that contains the information such as Student ID, Name, department and Class. Add records for a minimum of three students. Consider the json file name as student.json. Display JSON data from this json file to HTML table using AJAX JQuery getJSON method.	8	CO4	Ap

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