PRN:		Course Code:	PCA202R

First Year **M.C.A.** Semester End Examination Winter 2024

Web Technologies

Day and Date: Thu 21 NOV 2024 Max Marks: **100**

Time: 02:00PM To 05:00PM Duration: **03** hrs

Instructions: All Questions are compulsory

			Marks	Bloom's Level	CO
Q.1		**Attempt the following.**			
	a)	Define HTML. Explain basic structure of an HTML document	08	L1	CO1
	b)	Explain Table tag and explain its attributes with an example.	08	L2	CO1
		OR			
	b)	Design an HTML page with the help of Heading, Paragraph and Lists	08	L5	CO1
Q.2		**Attempt the following.**			
	a)	Describe Cascading Style Sheets and its types with an example	08	L1	CO1
	b)	Develop an HTML page to demonstrate margin, padding and border properties in CSS.	08	L5	CO1
		OR			
	b)	Summarize Box Model of CSS with an example.	08	L2	CO1
Q.3		**Attempt any two from the following.**			
	a)	Illustrate Javascript Variables and Operators in detail with example	08	L3	CO2
	b)	Build a JavaScript program for validation of a Login form	08	L3	CO2
	c)	List and explain various loops in javascript with suitable example	08	L4	CO2
Q.4		**Attempt any two from the following.**			
	a)	Illustrate jQuery Features, JQuery Selectors and jQuery ready() function	08	L5	CO3
	b)	Discuss jQuery UI and its Widgets.	08	L3	CO3
	c)	What are jQuery Events. Explain with an example.	08	L4	CO3
Q.5		**Attempt any Two of the following**			
	a)	List and explain PHP Variables and Operators in detail with example	09	L4	CO4
	b)	Explain PHP function with proper example.	09	L1	CO4
	c)	Build a PHP Script to display Prime Numbers within a range..	09	L3	CO4
Q.6		**Attempt any Two of the following**			
	a)	Elaborate Data Validation in PHP with suitable example	09	L5	CO4
	b)	Develop a PHP program to open a file, write data into the file and copy the contents into another file.	09	L2	CO4
	c)	Elucidate MVC Architecture and its working	09	L6	CO4

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