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B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

July 2023 Semester End Main Examinations

Programme: B.E.

Branch: Institutional Elective

Course Code: 20IS8OEWS

Course: Web Technologies

Semester: VIII

Duration: 3 hrs.

Max Marks: 100

Date: 06.07.2023

Instructions: 1. Answer any FIVE full questions, choosing one full question from each unit.
2. Missing data, if any, may be suitably assumed.

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.			UNIT - I	CO	PO	Marks
	1	a)	Illustrate with an example the following HTML elements: i) Table ii) Checkbox iii) Form iv) radio button	CO1		10
		b)	Create a HTML document to describe a table with the following contents: The columns of the table must have the headings Mango, Orange, Coconut. The rows must have the labels Average Height, Average Width, Typical Lifespan and Leaf Type. Assume the data cell values.	CO3	PO2	10
			UNIT - II			
	2	a)	Describe the different types of selector forms with example.	CO2	PO1	10
		b)	Develop and demonstrate the usage of inline, internal and external style sheet using CSS	CO2	PO1	10
			UNIT - III			
	3	a)	Define event and event handler. Write a javascript to display alert message "Welcome to My Home Page" when the body of the document is loaded.	CO3	PO2	10
		b)	Show the usage of string manipulation functions with examples: i) CharAt() ii) indexOf() iii) split() iv) substr()	CO2	PO1	10
			OR			
	4	a)	With examples, give any 5 string handling functions in Javascript.	CO3	PO2	10
		b)	Demonstrate with examples, screen output and keyboard input methods in Javascript.	CO3	PO2	10
			UNIT - IV			
	5	a)	Implement callback function to find addition of two numbers and display the result.	CO4	PO2	10

	b)	Give the request and response in Postman API.	CO2	PO1	10
		UNIT - V			
6	a)	Develop a Node JS program that implements a series of simple timeouts which outputs the number of milliseconds since the timeout was scheduled.	CO5	PO3	10
	b)	Show methods of writing and reading from Buffer objects.	CO4	PO2	10
		OR			
7	a)	Write a Node JS program to find distinct field values in a specific set of documents in a MongoDB collection.	CO5	PO3	10
	b)	Give the properties of URL object.	CO2	PO1	10

B.M.S.C.E. - EVEN SEM 2022-23