TE/Sem I/comp & cse/c-scheme/Nov 24/22.11.24

Duration: 3hrs [Max Marks:80]

N.B.: (1) Question No 1 is Compulsory.
(2) Attempt any three questions out of the remaining five.
(3) All questions carry equal marks.
(4) Assume suitable data, if required and state it clearly.

1		Attempt any **FOUR**	[20]
	a	What are the two primary types of XML parsers?	
	b	Explain the steps involved in establishing a JDBC connection to a database.	
	c	What are the benefits of using jQuery for AJAX?	
	d	Explain JSON.parse() and JSON.stringify() methods with example	
	e	Write a code to display "Hello World" in React JS.	
2	a	Compare and contrast the traditional web approach with the AJAX approach.	[10]
	b	Write a PHP application that includes a form for user input and processes the submitted data.	[10]
3	a	Explain the concept of drag-and-drop functionality in HTML5 with example.	[10]
	b	Discuss the JSP lifecycle and its phases.	[10]
4	a	Explain different ways to apply CSS styles to HTML elements with example?	[10]
	b	Write JavaScript code to check mobile number (mobile number should start with 9 or8) and mail id (check @ and .).	[10]
5	a	Explain the concept of cookies and their use in session management.	[10]
	b	Explain the following document object properties with proper syntax?	[10]

i. document.getElementById()

ii. document.getElementByClass()

iii. document.getElementByName()

6	a	Describe the process of sending an HTTP request from a web client to a server and receiving a response.	[10]
	b	Write a short note on JSX.	[10]

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