

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.

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| 1 | Attempt any FOUR | [20] |
| a | State features of React js. | |
| b | What is DTD? Explain internal DTD and external DTD. | |
| c | Give characteristics of RIA | |
| d | What is session tracking? Show how session tracking is achieved using cookies. | |
| e | Differentiate between JSON and XML | |
| 2 | a What is JSX? Explain its attributes with example. | [10] |
| | b Explain any 5 semantic tags of HTML5 with example | [10] |
| 3 | a Write a JavaScript that reads ten numbers and displays the count of negative numbers, the count of positive numbers and the count of zero from the list. | [10] |
| | b What is JSP? Explain life cycle of JSP | [10] |
| 4 | a Explain the event handling in JavaScript with suitable example. | [10] |
| | b Explain CSS3 Animation with example. | [10] |
| 5 | a Write short notes on JDBC | [10] |
| | b What is HTTP? Describe structure of HTTP request and response message | [10] |
| 6 | a Discuss about various control structures used in PHP. Give suitable example for each. | [10] |
| | b What is AJAX? Explain its role in web application. | [10] |
