

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 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]
