

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]
