



[Duration: 3hrs]

[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 Explain <audio> and <video> controls of HTML5 with appropriate example. [05]
  - b Explain the Document Object Model in detail with an example. [05]
  - c Discuss the advantages of React Js. [05]
  - d Explain the different datatypes of PHP. [05]
  - e What are the characteristics of Rich Internet Application (RIA). [05]
2.
  - a Explain the working of rowspan and colspan of table when used in HTML with suitable example. [10]
  - b Write a short note on JDBC [10]
3.
  - a What is mean by Event handling in JavaScript explain it with example. [10]
  - b Write a short note on JSP. [10]
4.
  - a Explain how Shadow effect can be applied on Text using CSS with suitable example. [10]
  - b Draw a diagram of Ajax application model and Traditional application web model and compare them. [10]
5.
  - a Write a JavaScript code to accept a name and password from user and validate the data as follows:- [10]
    - Name should not be empty
    - Password should not be less than 6 characters
  - b What are the features of React JS and write a code for "Hello World" using React JS. [10]
6.
  - a Explain the structure of XML Document with an example. [10]
  - b Explain the Servlet Life cycle with neat diagram. [10]

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