

22/11/2024

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.

QP-10064670

- 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.getElementsByClassName()
 - iii. document.getElementsByName()
- 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]
