	Paper / Subject Code, too	75
.41	Paper / Subject Code: 48812 / Web Computing	101/23
11	C Scheme > "AI of DS"	$(\alpha)$
5/5	5/23	
	(O nours)	
2. Att	Total Marks: 80  tempt any three questions from remaining five questions sume suitable data if necessary and justify the assumptions gures to the right indicate full marks	
1	Answer the Following,	
A	along with request and	05
В	Write a Javascript to change the background color of the web page	
	to green color it button named "GREEN" is clicked	05
С	Write the program to create a simple HTTP server to display a welcome message with node.js.	05
Γ	What are components in React? Create one class component "Car" in React and invoke it using index.js.	05
Q2 A	Write JavaScript to validate Username, Password and Email. Username and Password should not be blank and minimum length of password =8. Email should have @ character.	10
]	What is a single page application? Explain React JSX with suitable examples such as rendering the greeting message "Hello! Welcome to React"	10
Q3	<ul> <li>A 1) Write a Javascript to accept two numbers and display their sum using pop up box.</li> <li>2) Explain the concept of React Hooks. What are the rules of using Hooks? Write the code making use of Hooks useState function that displays the number of times button named "CLICK" is clicked.</li> </ul>	12
	times button named "CLICK" is clicked.	
	B Explain React Component Life cycle with suitable diagram.	8
Ο4	A W/:	
Q4	A Write an XML file marksheet.xml representing your semester mark sheet. How do you prove that it is well formed and valid XML?	05
	B Explain different types of node is modules? What are different modules that provide core functionality?	05
2	C What are the features of React.js	05
	D Draw and illustrate 3-tier web architecture.	05
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Q5	Α	Explain the working of the event loop along with different phases of node.js with a neat diagram. Write an asynchronous file reading node.js program and explain how it is executed.	10
	В	What is NodeJs and Express.js? Discuss the features and advantages of Express.js.	10
Q6	A	Explain the architecture of Flux in detail.	1(
	В	Differentiate ES5 and ES6. Give an example of the Anonymous and Arrow function in ES6.	1

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