

School of Computing Science and Engineering

B.Tech CSE
ETE - Jun 2024

Time : 3 Hours

Marks : 100

Sem IV - E1UA402B - Full Stack Development Using React and Node JS

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. List the life-cycle events in a react app. K1 CO1 (5)
2. List the different types of web pages? K2 CO2 (5)
3. List the different types of queries that can be performed on a MongoDB database? K3 CO3 (5)

4. What is the purpose of a heading tag and paragraph tag in HTML? K1 CO2 (10)
5. Explain the importance of postman software in web development. K2 CO4 (10)
6. Discuss the importance of client side data validation in a web application. K3 CO3 (10)
- 7) Explain how to use an HTML form to submit data to a web server. K5 CO4 (10)

OR

- Discuss the relevance of no-sql databases in todays Information technology world. K5 CO3 (10)
8. Describe the benefits of using the virtual DOM over the real DOM. K3 CO2 (15)
 9. Create a simple NodeJS application that connects to a MongoDB database. K4 CO2 (15)
 - 10) Identify the benefits and drawbacks of using React for Full Stack Development. K4 CO3 (15)

OR

- Evaluate the impact of Full Stack Development on the industry. K4 CO3 (15)