

**S.N.ARTS, D.J.M.COMMERCE, B.N.S.SCIENCE COLLEGE**  
**(Autonomous), SANGAMNER**  
**MSc. (Computer Science Sem-II)**  
**Practical Examination Mar-April 2025**

**Subject: Full Stack Development Practical**

**Time: 4Hrs.**

**Marks: 30**

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**Q.1** Create an HTML form that contains the Student Registration details and write a JavaScript to validate Student first and last name as it should not contain other than alphabets and age should be between 18 to 50. **[10M]**

**Q.2** Create a Basic App with React JS and other Supported NPM. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Create an HTML form that contain the Employee Registration details and write a JavaScript to validate DOB, Joining Date, and Salary. **[10M]**

**Q.2** Create a component that renders a simple blog post with a title, an author, and some text. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Design Dropdown Menu using CSS.

**[10M]**

**Q.2** Create a Counter component that increases or decreases a number when you click "Increment" or "Decrement" buttons.

**[15M]**

**Q.3** Viva

**[5M]**

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**Q.1** Create HTML page for photo gallery and add CSS to it.

**[10M]**

**Q.2** Implement a sign-up form apply client side form validation.

**[15M]**

**Q.3** Viva

**[5M]**

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**Q.1** Design login window using HTML and CSS.

**[10M]**

**Q.2** Build a website with navigation. Pages might include Home, About, and Contact, with corresponding routes.

**[15M]**

**Q.3** Viva

**[5M]**

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**Q.1** Create an HTML form for Login and write a JavaScript to validate email ID using Regular Expression.

**[10M]**

**Q.2** Integrate GraphQL API's into your React.js app using Apollo Client.

**[15M]**

**Q.3** Viva

**[5M]**

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**Q.1** Create Home page layout using HTML, CSS and Bootstrap. **[10M]**

**Q.2** Create Simple React app to design a login form. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Design Sign up page using bootstrap. **[10M]**

**Q.2** Create a component that renders a simple Product page with a name, an image, and price of product. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Create two columns Grid layout for all devices with Bootstrap. **[10M]**

**Q.2** Create GraphQL Queries to display data in your app. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Create four columns convertible grid layout with multiple views-4 columns on desktop, 2 columns on tablet, 1 columns on mobile using bootstrap. **[10M]**

**Q.2** Build an Online Shopping website with navigation. Pages might include Home, Product, and About, with corresponding routes. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Create student registration form using various form control in bootstrap. **[10M]**

**Q.2** Create a Basic App with React JS and other Supported NPM. **[15M]**

**Q.3** Viva **[5M]**

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**Q.1** Create a simple Navbar with Bootstrap, Add different tabs to Navbar. **[10M]**

**Q.2** Implement a sign-up form apply client side form validation. **[15M]**

**Q.3** Viva **[5M]**

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**Q.2** Using GraphQL APIs display data in your react app. **[15M]**

**Q.3** Viva **[5M]**

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| <b>Q.2</b> Using GraphQL APIs display data in your react app.             | <b>[15M]</b> |
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