School of Engineering
Department of Computer Science & Engineering
MERN Stack Development (MR22-1CS0103)

1) Explain React Functional Component with an example.

2) Explain Class component with an example

3) How can props be passed from parent to child components? Explain with an example

4) Describe how state is initialized and updated in a React component.

5) Create a Counter component that display count and has buttons to increment and decrement the count.

6) Give list of Events available to interact with user actions. Explain onClick and onChange events with an example.

7) Provide examples of using the logical && operator for simple and concise conditional rendering.

8) What is Conditional Rendering. Explain various ways of Conditional Rending with examples

9) Set up routing using React Router to create a Simple Multi-Page Application. Create Routes for different pages (e.g., Home, About, Contact) and navigate between them.

10) Explain the different ways of applying Styling to React Components with an example