# DAY-18 MORNING ASSESSMENT

# REACT JS QUESTIONS

1. React.js is a JavaScript library developed by Facebook for building user interfaces, especially single-page applications, using a component-based architecture.

2. A React component returns JSX and participates in React’s rendering process, while a regular JavaScript function just returns standard JavaScript values and has no direct UI rendering role.

3. JSX (JavaScript XML) is a syntax extension allowing HTML-like code in JavaScript. It improves readability and lets you mix UI markup with logic.

4. Functional components are JavaScript functions returning JSX and can use Hooks like useState ,class components extend React. Component, have lifecycle methods, and return JSX via render().

5. The return() statement specifies the JSX to be rendered to the UI.

6. Display dynamic data in JSX using curly braces, e.g., <h1>{variableName}</h1>.

7. Props are read-only data passed from parent to child components; state is internal and mutable data managed within a component.

8. useState() is a Hook used in functional components to declare and update state variables.

9. The key attribute uniquely identifies list items so React can efficiently update only changed elements.

10. Handle events by attaching event handlers, e.g., <button onClick={handleClick}>Click Me</button>.