

# React JS MCQs 6

Topics : [React JS](#)

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51. In React, which method is called before the component is removed from the DOM?

- a) `componentWillUnmount` **(Correct Answer)**
- b) `componentDidMount`
- c) `componentDidUpdate`
- d) `componentWillMount`

52. What is the purpose of the `useContext` hook in React?

- a) To manage component state
- b) To handle context within class components
- c) To access context values in functional components **(Correct Answer)**
- d) To fetch data from an external API

53. Which of the following is a valid way to define a React functional component?

- a) `function MyComponent() {}`
- b) `const MyComponent = () => {}`
- c) `class MyComponent extends React.Component {}`
- d) All of the above **(Correct Answer)**

54. What is the primary role of ReactDOM in a React application?

- a) To handle routing and navigation
- b) To manage global application state
- c) To render React components into the DOM **(Correct Answer)**
- d) To handle server-side rendering

55. What is the purpose of the `useMemo` hook in React?

- a) To memoize the result of a function so that it is only recomputed when its dependencies change **(Correct Answer)**
- b) To perform side effects in functional components
- c) To manage component state
- d) To subscribe to context changes

56. In React, what does it mean to lift state up?

- a) It refers to managing state at the lowest level of the component tree
- b) It refers to passing state from child to parent components

- c) It refers to moving state to a common ancestor component to share it between sibling components **(Correct Answer)**
- d) It refers to removing state from a component

57. What is the purpose of the defaultProps property in a React component?

- a) To define default values for props **(Correct Answer)**
- b) To set the initial state of a component
- c) To define the default styling for a component
- d) To handle default event behavior

58. In React, what is the purpose of the key prop when rendering a list of components?

- a) It defines the style of each list item
- b) It helps React identify which items have changed, are added, or are removed in the list **(Correct Answer)**
- c) It sets the initial state of each list item
- d) It specifies the order of the list items

59. What is the purpose of the children prop in a React component?

- a) It represents the child components rendered inside the component **(Correct Answer)**
- b) It defines the default content of the component
- c) It passes data from parent to child components
- d) It defines the structure of the component

60. Which of the following statements about React components is true?

- a) Functional components can have lifecycle methods
- b) Class components can return multiple elements without using a wrapper element
- c) Functional components are simpler and easier to read and write compared to class components **(Correct Answer)**
- d) All of the above