

React JS MCQs 4

Topics : [React JS](#)

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31. What is the purpose of the useRef hook in React?
- a) To create references to DOM elements or React components **(Correct Answer)**
 - b) To manage component state
 - c) To subscribe to context changes
 - d) To perform asynchronous operations
32. Which of the following statements is true about React portals?
- a) React portals allow you to render components outside the DOM hierarchy of the parent component **(Correct Answer)**
 - b) React portals are used to create reusable UI components
 - c) React portals are deprecated in favor of other techniques
 - d) React portals are used for server-side rendering only
33. What is the purpose of the forwardRef function in React?
- a) To forward props from parent to child components
 - b) To forward DOM attributes from parent to child components
 - c) To forward refs from parent to child components **(Correct Answer)**
 - d) To forward context from parent to child components
34. Which of the following is NOT a valid lifecycle method in React?
- a) componentWillMount
 - b) componentWillUpdate
 - c) componentWillReceiveProps
 - d) componentWillUnmount **(Correct Answer)**
35. What is the purpose of the React.Fragment component in React?
- a) To create a new React component
 - b) To group multiple elements without adding extra nodes to the DOM **(Correct Answer)**
 - c) To define global styles for the entire application
 - d) To manage component state
36. Which of the following statements about React context is true?
- a) React context is used to manage component state

- b) React context allows you to pass data through the component tree without having to pass props down manually **(Correct Answer)**
- c) React context is primarily used for styling components
- d) React context is a replacement for Redux

37. What is the purpose of the createRef function in React?

- a) To create references to DOM elements or React components
- b) To create new React components
- c) To create new context objects
- d) To create references to functional components **(Correct Answer)**

38. Which of the following is NOT a valid way to style components in React?

- a) Inline styles
- b) External CSS files
- c) Styled-components library
- d) Using `<style>` tags inside JSX **(Correct Answer)**

39. What is the purpose of the dangerouslySetInnerHTML attribute in React?

- a) To sanitize HTML input before rendering it
- b) To escape special characters in HTML input
- c) To set the inner HTML of a React component from a string **(Correct Answer)**
- d) To prevent XSS attacks

40. What is the purpose of the useEffect hook in React?

- a) To perform side effects in functional components **(Correct Answer)**
- b) To manage component state
- c) To fetch data from an API
- d) To subscribe to context changes