**MCQ**

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| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
| a | b | d | a | c | a | c | c | a | a |  |  |  |  |  |

1. What is an event handler in React.js?

- A) A function that handles user interactions or events

- B) A built-in component for handling events

- C) A method to style components based on user actions

- D) A library for managing state in React

2. Which React attribute is used to assign an event handler to a DOM element?

- A) `eventHandler`

- B) `onClick`

- C) `handleEvent`

- D) `eventListener`

3. In React, how do you define an event handler for a button click event?

- A) `<button onClick={this.handleClick}>Click Me</button>`

- B) `<button clickHandler={this.handleClick}>Click Me</button>`

- C) `<button handleEvent={this.handleClick}>Click Me</button>`

- D) `<button onClick={() => this.handleClick()}>Click Me</button>`

4. Which hook is commonly used to manage state in React functional components?

- A) `useState`

- B) `useEffect`

- C) `useReducer`

- D) `useContext`

5. What is the purpose of the `onChange` event handler in React?

- A) It handles changes in component state.

- B) It triggers when the component is rendered.

- C) It fires when the input value changes.

- D) It listens for mouse clicks on the component.

6. In React, how do you prevent the default behavior of an event?

- A) Use `event.preventDefault()`

- B) Use `event.stopPropagation()`

- C) Use `event.stopImmediatePropagation()`

- D) Use `event.defaultPrevented = true`

7. Which of the following is true about synthetic events in React?

- A) They are native DOM events.

- B) They are instances of the `Event` class.

- C) They are provided by React to wrap browser events.

- D) They can be directly used to interact with the DOM.

8. How do you pass arguments to an event handler in React?

- A) `<button onClick={handleClick(arg)}>Click Me</button>`

- B) `<button onClick={handleClick.bind(this, arg)}>Click Me</button>`

- C) `<button onClick={() => handleClick(arg)}>Click Me</button>`

- D) `<button onClick={handleClick(arg)}>Click Me</button>`

9. Which of the following is a correct way to define an event handler in a class component?

- A) `handleClick(event) { }`

- B) `const handleClick = (event) => { }`

- C) `onClick = (event) => { }`

- D) `function handleClick(event) { }`

10. What is the purpose of the `onSubmit` event handler in a form element in React?

- A) It triggers when the form is submitted.

- B) It handles changes in the form's input fields.

- C) It listens for clicks on the submit button.

- D) It prevents the form from submitting.