React JS MCQs 9

Topics : React JS
Written on May 10, 2024

81. Which of the following statements correctly imports React in a JSX file?

     - a) `import React from 'react';` **(Correct Answer)**
     - b) `require('react');`
     - c) `import { React } from 'react';`
     - d) `import React from 'React';`

82. What is the purpose of the following code snippet in a React component?

```
 import React from 'react';

function MyComponent() {
  return (
    <div>Hello, world!</div>
  );
}
```

     - a) It imports the React library **(Correct Answer)**
     - b) It defines a functional component named MyComponent
     - c) It renders a div element with the text "Hello, world!"
     - d) All of the above

83. In React, what is the correct syntax for rendering a JavaScript expression inside JSX?

     - a) `{ var }`
     - b) `{{ var }}`
     - c) `{ var }` **(Correct Answer)**
     - d) `{{ var }}`

84. What will the following React component render?

```
 import React from 'react';

function MyComponent() {
  const items = ['apple', 'banana', 'orange'];
  return (
    <ul>
```

```
      {items.map(item => <li key={item}>{item}</li>)}
    </ul>
  );
}
```

- a) A list of fruits: apple, banana, orange **(Correct Answer)**
- b) An unordered list with three items: apple, banana, orange
- c) A compilation error
- d) An empty list

85. In React, which lifecycle method is called immediately after a component is mounted?

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

86. What is the correct way to pass props to a component in React?

- a) `<MyComponent props={data} />`
- b) `<MyComponent {props} />`
- c) `<MyComponent {...props} />` **(Correct Answer)**
- d) `<MyComponent props={{data}} />`

87. What is the purpose of the following React code snippet?

```
import React, { useState } from 'react';

function MyComponent() {
  const [count, setCount] = useState(0);

  return (
    <div>
      <p>You clicked {count} times</p>
      <button onClick={() => setCount(count + 1)}>
        Click me
      </button>
    </div>
  );
}
```

- a) It defines a functional component with a state variable named count that increments on button click **(Correct Answer)**
- b) It renders a paragraph element with the text "You clicked {count} times"
- c) It renders a button element with the text "Click me"
- d) It imports the useState hook from the React library

88. In React, what is the purpose of the `key` attribute when rendering a list of components?

- a) It defines the styling for each component in the list

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

89. What does JSX stand for in React?

- a) JavaScript XML **(Correct Answer)**
- b) JavaScript Extension
- c) JavaScript XML Syntax
- d) JavaScript Extension Library

90. In React, what is the purpose of the `onClick` attribute in a button element?

- a) It defines the button's appearance
- b) It specifies the action to be performed when the button is clicked **(Correct Answer)**
- c) It triggers the button's hover effect
- d) It determines the button's accessibility properties