

React JS MCQs 10

Topics : [React JS](#)

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91. What will be the output of the following React component?

```
import React from 'react';

const MyComponent = () => {
  const name = "Alice";
  return (
    <div>
      <p>Hello, {name}!</p>
    </div>
  );
};

export default MyComponent;
```

- a) Hello, Alice! **(Correct Answer)**
- b) Hello, {name}!
- c) Hello, World!
- d) Hello, React!

92. How can you conditionally render elements in React?

- a) Using the if-else statement inside the JSX
- b) Using the ternary operator inside the JSX **(Correct Answer)**
- c) Using the switch-case statement inside the JSX
- d) Using the while loop inside the JSX

93. What is the purpose of the `useState` hook in React?

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

94. How can you style a React component?

- a) Using inline styles with the `style` attribute
- b) Using external CSS files

- c) Using CSS-in-JS libraries like styled-components
- d) All of the above **(Correct Answer)**

95. What is the correct way to handle form input in React?

- a) Using the `value` attribute for controlled components **(Correct Answer)**
- b) Using the `defaultValue` attribute for controlled components
- c) Using the `onChange` event handler for uncontrolled components
- d) Using the `onSubmit` event handler for controlled components

96. What is the purpose of the `useEffect` hook in React?

- a) To memoize the result of a function
- b) To manage component state
- c) To perform side effects after every render **(Correct Answer)**
- d) To subscribe to context changes

97. How do you define a reusable component in React?

- a) By creating a function or class that returns JSX **(Correct Answer)**
- b) By using a global variable to store the component
- c) By including HTML code directly in the render method
- d) By importing a component from an external library

98. What is the purpose of the `map` function in JavaScript when used with React components?

- a) To iterate over an array and return a new array of the same length
- b) To create a new array with the results of calling a provided function on every element in the calling array **(Correct Answer)**
- c) To filter out elements from an array based on a condition
- d) To sort the elements of an array based on a condition

99. In React, how do you handle events?

- a) By passing event handlers as props to child components
- b) By using synthetic events that wrap native browser events **(Correct Answer)**
- c) By using the `addEventListener` method directly on DOM elements
- d) By defining event handlers directly in JSX

100. What is the purpose of the `key` prop when rendering a list of components in React? - a) To define the styling for each component in the list - b) To specify the order of the components in the list - c) To help React identify which items have changed, are added, or are removed in the list **(Correct Answer)** - d) To define the initial state of each component in the list