Question 1

Not yet answered

Marked out of 1.00

What does `dangerouslySetInnerHTML` in React allow?

Select one:

○ **a. Rendering raw HTML**

○ **b. Rendering CSS dynamically**

○ **c. Setting headers**

○ **d. Compiling JSX**

Question 2

Not yet answered

Marked out of 1.00

Which feature allows React to batch multiple state updates into a single render?

Select one:

○ **a. Concurrent Mode**

○ **b. Fiber architecture**

○ **c. Virtual DOM**

○ **d. Refs**

Question 3

Not yet answered

Marked out of 1.00

Which JavaScript feature allows copying enumerable properties from one or more source objects to a target object?

Select one:

○ **a. Object.assign()**

○ **b. Object.merge()**

○ **c. Object.clone()**

○ **d. Object.copy()**

Question 4

Not yet answered

Marked out of 1.00

What is the default behavior of React's `useEffect` when the dependency array is omitted?

Select one:

○ **a. It runs on every render**

○ **b. It runs only on unmount**

○ **c. It runs only once**

○ **d. It does not run at all**

Question 5

Not yet answered

Marked out of 1.00

What must be used with `React.lazy()` to handle loading states?

Select one:

- ○ **a. React.Portal**
- ○ **b. React.Timeout**
- ○ **c. React.Suspense**
- ○ **d. React.Fragment**

Question 6

Not yet answered

Marked out of 1.00

Why is it necessary to bind `this` in class components?

Select one:

- ○ **a. To maintain context inside methods**
- ○ **b. To avoid closure**
- ○ **c. To access Redux**
- ○ **d. To prevent memoization**

Question 7

Not yet answered

Marked out of 1.00

What is the purpose of useImperativeHandle?

Select one:

- ○ **a. To define a hook globally**
- ○ **b. To prevent rendering**
- ○ **c. To customize instance value exposed to parent with ref**
- ○ **d. To pass props deeply**

Question 8

Not yet answered

Marked out of 1.00

What is the primary goal of the Context API in React?

Select one:

- ○ **a. Replace Redux**
- ○ **b. Manage styles**
- ○ **c. Provide global state access without prop drilling**
- ○ **d. Manage server-side rendering**

Question 9

Not yet answered

Marked out of 1.00

What does `useCallback` return in React?

Select one:

- ○ **a. A reducer**
- ○ **b. A new memoized callback**
- ○ **c. An effect**
- ○ **d. A memoized value**

Question 10

Not yet answered

Marked out of 1.00

Which React hook should be used for performance optimization to memoize expensive computations?

Select one:

- ○ **a. useMemo**
- ○ **b. useCallback**
- ○ **c. useReducer**
- ○ **d. useEffect**

Question 11

Not yet answered

Marked out of 1.00

Which of these best describes the React reconciliation process?

Select one:

- ○ **a. Sync props to backend**
- ○ **b. Redraw the whole page**
- ○ **c. Compare only changed nodes in DOM**
- ○ **d. Compare virtual DOM trees and apply minimal DOM updates**

Question 12

Not yet answered

Marked out of 1.00

What is `memo` in React used for?

Select one:

- ○ **a. To handle events**
- ○ **b. To initialize props**
- ○ **c. To prevent unnecessary re-rendering**
- ○ **d. To create global state**

Question 13

Not yet answered

Marked out of 1.00

In JavaScript, what is the result of typeof null?

Select one:

- ○ **a. "undefined"**
- ○ **b. "boolean"**
- ○ **c. "object"**
- ○ **d. "null"**

Question 14

Not yet answered

Marked out of 1.00

Which is NOT a valid lifecycle method in React class components?

Select one:

- ○ **a. componentWillReceiveProps**
- ○ **b. componentDidMount**
- ○ **c. componentDidUpdate**
- ○ **d. shouldComponentRender**

Question 15

Not yet answered

Marked out of 1.00

How does JavaScript handle asynchronous operations?

Select one:

- ○ **a. Through the event loop**
- ○ **b. Using semaphores**
- ○ **c. Through multithreading**
- ○ **d. Using global queueing**

Question 16

Not yet answered

Marked out of 1.00

What does `React.lazy()` do?

Select one:

- ○ **a. Enables server-side rendering**
- ○ **b. Creates asynchronous events**
- ○ **c. Allows component code splitting**
- ○ **d. Suspends component rendering**

Question 17

Not yet answered

Marked out of 1.00

Which of the following is NOT a valid way to create an object in JavaScript?

Select one:

- ○ **a. var obj = new Object();**
- ○ **b. var obj = create Object();**
- ○ **c. var obj = Object();**
- ○ **d. var obj = {};**

Question 18

Not yet answered

Marked out of 1.00

What will the following code output?

```
(function(){
  var a = b = 5;
})();
console.log(b);
```

Select one:

○ **a. undefined**

○ **b. ReferenceError**

○ **c. NaN**

○ **d. 5**

Question 19

Not yet answered

Marked out of 1.00

What does the `Object.freeze()` method do?

Select one:

○ **a. Prevents modification of existing properties and methods**

○ **b. Makes object immutable and allows inheritance**

○ **c. Prevents object from being copied**

○ **d. Prevents new properties from being added but allows existing to be changed**

Question 20

Not yet answered

Marked out of 1.00

In a React component, what does `defaultProps` do?

Select one:

○ **a. Sets fallback values for props**

○ **b. Prevents prop mutation**

○ **c. Forces prop types**

○ **d. Declares event listeners**

Question 21

Not yet answered

Marked out of 1.00

What does the "this" keyword refer to in a regular function (non-arrow) in strict mode?

Select one:

○ **a. Undefined**

○ **b. The function itself**

○ **c. Global object**

○ **d. The event object**

Question 22

Not yet answered

Marked out of 1.00

Which hook should be used to store a mutable value that does not cause re-render?

Select one:

- ○ **a. useMemo**
- ○ **b. useRef**
- ○ **c. useEffect**
- ○ **d. useState**

Question 23

Not yet answered

Marked out of 1.00

Which of the following is true about JavaScript closures?

Select one:

- ○ **a. Closures only work with global variables**
- ○ **b. Closures cannot access outer function variables**
- ○ **c. Closures retain access to the scope in which they were created**
- ○ **d. Closures can access variables defined after them**

Question 24

Not yet answered

Marked out of 1.00

What is the correct behavior of React Strict Mode?

Select one:

- ○ **a. Enables concurrent rendering**
- ○ **b. Prevents state updates**
- ○ **c. Highlights potential problems in an application**
- ○ **d. Adds runtime optimizations**

Question 25

Not yet answered

Marked out of 1.00

Which of the following is NOT a valid JavaScript iterable?

Select one:

- ○ **a. Array**
- ○ **b. String**
- ○ **c. Set**
- ○ **d. Object**

Question 26

Not yet answered

Marked out of 1.00

Which of the following is true about arrow functions?

Select one:

- ○ **a. They have their own "this" binding**
- ○ **b. They bind "this" lexically**
- ○ **c. They can be used as constructors**
- ○ **d. They can use arguments object**

Question 27

Not yet answered

Marked out of 1.00

What hook is used to perform side effects in a React function component?

Select one:

- ○ **a. useReducer**
- ○ **b. useMemo**
- ○ **c. useEffect**
- ○ **d. useContext**

Question 28

Not yet answered

Marked out of 1.00

What does React's `key` prop do?

Select one:

- ○ **a. Specifies element styling**
- ○ **b. Tracks component render time**
- ○ **c. Uniquely identifies each component instance**
- ○ **d. Identifies the element to be animated**

Question 29

Not yet answered

Marked out of 1.00

What happens if you call `setState` inside `render()`?

Select one:

- ○ **a. Nothing**
- ○ **b. Component re-renders properly**
- ○ **c. Syntax error**
- ○ **d. Infinite loop**

Question 30

Not yet answered

Marked out of 1.00

In React, what does lifting state up mean?

Select one:

- ○ **a. Using useState globally**
- ○ **b. Passing state as props from parent to child**
- ○ **c. Moving state to Redux**
- ○ **d. Sharing state by moving it to the closest common ancestor**

Quiz Navigation

Finish attempt ... (http://ngitonline.com/mod/quiz/summary.php?attempt=57403)