Quiz Result: React.js Mastery: Hooks & Components

Student: Rahul Sharma

Score: 40 / 100

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Q1: Which hook should be used for data fetching?

(Correct) useEffect

- useMemo

- useState

- useRef

Result: Incorrect

Q2: What is the Virtual DOM?

- Direct DOM manipulation

(Correct) A lightweight copy of the DOM

- A brower plugin

- None of the above

Result: Incorrect

Q3: How do you prevent re-renders in functional components?

(Correct) React.memo

- shouldComponentUpdate

- PureComponent

- All of the above

Result: Incorrect

Q4: What is the purpose of useReducer?

- Managing string state

(Correct) Complex state logic

- Routing

- API calls

Result: Incorrect

Q5: Prop drilling can be solved by?

- Context API

- Redux

- Zustand

(Correct) All of the above

Result: Incorrect

Q6: What does useRef return?

(Correct) A mutable object

- A function

- A boolean

- Undefined

Result: Incorrect

Q7: Key props in lists help React to?

- Style elements

(Correct) Identify changed items

- Count items

- None

Result: Incorrect

Q8: useEffect with empty dependency array runs?

- Every render

(Correct) Once on mount

- On unmount

- Never

Result: Incorrect

Q9: What is JSX?

- Java XML

(Correct) JavaScript XML

- JSON XML

- Java Syntax Extension

Result: Incorrect

Q10: Lazy loading in React is done using?

(Correct) React.lazy

- React.load

- React.defer

- React.async

Result: Incorrect

Q11: Higher Order Components are?

(Correct) Functions returning components

- Components returning functions

- API calls

- State managers

Result: Incorrect

Q12: Controlled components use?

(Correct) State

- Refs

- DOM

- Globals

Result: Incorrect

Q13: Which lifecycle method is replaced by useEffect?

- componentDidMount

- componentDidUpdate

- componentWillUnmount

(Correct) All of the above

Result: Incorrect

Q14: What is a Portal in React?

(Correct) A way to render children outside parent DOM

- A data tunnel

- A routing tool

- A state tool

Result: Incorrect

Q15: Error Boundaries catch errors in?

(Correct) Rendering

- Event handlers

- Async code

- Server side

Result: Incorrect

Q16: Does React use one-way or two-way data binding?

(Correct) One-way

- Two-way

- Both

- None

Result: Incorrect

Q17: What is the strict mode?

(Correct) Checks for potential problems

- Minifies code

- Enforces types

- Runs faster

Result: Incorrect

Q18: What is hydration?

(Correct) Attaching listeners to server HTML

- Drinking water

- Loading CSS

- Fetching data

Result: Incorrect

Q19: useCallback returns?

- Memoized value

(Correct) Memoized function

- State

- Ref

Result: Incorrect

Q20: What package is used for routing?

(Correct) react-router-dom

- react-route

- router-js

- react-nav

Result: Incorrect