

Graded Quiz due Jun 4, 2024 12:41 IST   Completed

Question 1

1/1 point (graded)

What is EcmaScript or ES?

- ☐ A programming organization
- ☐ A regulated name for JSON
- ☒ A standardized name for JavaScript
- ☐ A communication standard



Answer

Correct: EcmaScript (ES) is Ecma's specification to which JavaScript adheres.

Submit

You have used 2 of 2 attempts

Question 2

1/1 point (graded)

Which feature in E6 limits the scope of variables?

- ☐ Arrow functions
- ☐ const
- ☒ let
- ☐ promise



Answer

Correct: let allows you to restrict the scope of variables within the block where they were declared.

Submit

Try again (1 attempt remaining) ⓘ

Question 3

1.0/1.0 point (graded)

What is the state of a promise object when the operation executes successfully?

- ☐ End
- ☒ Fulfilled
- ☐ Constant
- ☐ Pending



Answer

Correct: When the operation executes successfully, the promise is in the fulfilled state.

Submit

Try again (1 attempt remaining) ⓘ

Question 4

1/1 point (graded)  
React is an open-source library created and maintained by Facebook and community developers. What is it mainly used to build?

☐ AI questions

☐ Error messages

☒ Complex UIs

☐ Accessibility messages

✓  
**Answer**  
Correct: React is a framework for building client-side dynamic web applications.

Submit

Try again (1 attempt remaining) ⓘ

Question 5

1/1 point (graded)  
Facebook provides the Create React App to simplify creating React apps. What must be installed in order to run `npx create-react-app` with the name of the app you want to create?

☐ Facebook

☐ The XML editor

☒ Node.js

☐ JavaScript

✓  
**Answer**  
Correct:  
If you have Node.js installed, you can run `npx create-react-app` with the name of the application you want to create.

Submit

Try again (1 attempt remaining) ⓘ

Question 6

1.0/1.0 point (graded)  
Functional components are most useful when the component has properties, but what is the restriction?

☒ The component lifecycle does not require management.

☐ Properties can't be user defined.

☐ Properties can't be passed as parameters to the function.

☐ Properties can't have uppercase characters.



Answer

Correct:  
Functional components are most useful when the component has properties, but the lifecycle of the component does not have to be managed.

Submit

Try again (1 attempt remaining) ⓘ

Question 7

1/1 point (graded)

What makes class components more preferable than functional components?

☐ Rigidity

☒ Versatility

☐ Simplicity

☐ Definition



Answer

Correct:  
Class components are preferred more than functional components because of their versatility.

Submit

Try again (1 attempt remaining) ⓘ

Question 8

1/1 point (graded)

In the Working with React Components video, what does the incrementCounter method do in the React app?

☒ Updates a state so a component is rendered again

☐ Routes a command through a component

☐ Stops the application

☐ Passes a value to the GUI



Answer

Correct: When the counter increments, the state changes.

Submit

Try again (1 attempt remaining) ⓘ

### Question 9

1/1 point (graded)

What is the benefit of using the JSX transformation step in HTML?

- ☐ Helpful as a visual aid
- ☐ Can be parsed by a JavaScript engine
- ☒ Converts HTML tags into React elements
- ☐ Browser understands JSX



**Answer**

Correct:

JSX converts HTML tags into React elements and makes it easier to write React applications.

Submit

Try again (1 attempt remaining) ⓘ

### Question 10

1.0/1.0 point (graded)

Which of the following features can be implemented using React Hook in functional components?

- ☐ Event
- ☒ Lifecycle methods
- ☐ Logic
- ☐ Props



**Answer**

Correct:

Lifecycle methods functionality can be added by implementing React Hooks in functional components.

Submit

Try again (1 attempt remaining) ⓘ