

IN5320 frontend development multiple choice examples

15 questions for practice

Only one correct answer per question

Correct answers on final slide

1. Which HTML tag is used to create a hyperlink?

<a>

<link>

<href>

<hyperlink>

2. What does CSS stand for?

Computer Style Sheets

Creative Style Sheets

Cascading Style Sheets

Colorful Style Sheets

3. Which property is used to change the background color in CSS?

bgcolor

background-color

color

background

4. In JavaScript, which symbol is used for single-line comments?

//

/*

#

<!--

5. What is the correct syntax to declare a variable in JavaScript?

variable myVar;

var myVar;

v myVar;

declare myVar;

6. Which method is used to add an element to the end of an array in JavaScript?

push()

pop()

shift()

unshift()

7. In React, what is used to pass data from a parent component to a child component?

state

props

context

hooks

8. Which React hook is used to manage state in a functional component?

useEffect

useContext

useReducer

useState

9. What does JSX stand for in React?

Java Syntax Extension

JavaScript and XHTML

JavaScript XML

JavaScript Syntax

10. Which statement is true about HTML elements?

HTML elements cannot have attributes

HTML elements are case-sensitive

HTML elements can be nested within each other

HTML elements must always have a closing tag

11. Which of the following is true about inline elements?

A) They do not start on a new line.

B) They only take up as much width as necessary.

Both A and B are correct.

They can contain block-level elements.

12. What will happen if you provide an empty array `[]` as the dependency array in `useEffect`?

The effect will run on every re-render.

The effect will run only on the first render.

The effect will not run at all.

The effect will run when specific state changes.

13. What does the HTML element `<span>` do?

Defines structure for the document and groups content

Makes text bold

Inline container for text or other inline elements

Defines a larger heading

14. What is the purpose of the onClick attribute in a React component?

It sets the button's color

It defines how often the button can be clicked

It specifies the function to call when the button is clicked

It styles the button

15. What will be the output of the following JavaScript code?

```
var a = "5";  
var b = 5;  
if (a === b) {  
    console.log(a);  
} else {  
    console.log(b);  
}
```

"5"

5

undefined

Error

Done!

Correct answers on next page...

1. <a>

2. Cascading Style Sheets

3. background-color

4. //

5. var myVar;

6. push()

7. props

8. useState

9. JavaScript XML

10: HTML elements can be nested within each other

11: Both A and B are correct

12: The effect will run only on the first render

13. Inline container for text or other inline elements

14. It specifies the function to call when the button is clicked

15. 5