

Html

1. Which attribute helps to group input elements with the "radio" type together?

- A. type
- B. id
- C. name ☒
- D. value

2. How important is SEO in HTML? Which tags help optimize SEO?

- A. SEO is not important in HTML
- B. SEO in HTML is important, and tags like `<meta>`, `<title>`, `<h1>`, and `alt` help optimize it ☒
- C. Using only `<h1>` is enough to optimize SEO
- D. Only JavaScript affects SEO, HTML does not matter

3. Which of the following tags are inline elements?

- A. `<footer>`, ``, `<i>`
- B. ``, ``, `<article>`
- C. ``, `<i>`, `<header>`
- D. ``, `<a>`, ``, `` ☒


4. Which of the following is NOT a valid HTML5 element?

- A. `<section>`
- B. `<article>`
- C. `<frame>` ☒
- D. `<aside>`


5. What is the correct way to define a table header in HTML?

- A. `<th>` ☒
- B. `<thead>`
- C. `<tr>`
- D. `<td>`

6. Which of the following elements should NOT be placed inside a `<head>` tag?


- A. `<title>`
- B. `<meta>`
- C. `<link>`
- D. `<div>` 

7. Is it valid to nest an `<a>` tag inside another `<a>` tag in HTML?


- A. Yes
- B. No 

Css


1. What is the difference between `height: 100%` and `height: 100vh` in CSS?

- A. There is no difference; both make the element full height
- B. `height: 100%` depends on the parent element, while `height: 100vh` is based on the viewport height 
- C. `height: 100%` is based on the viewport, and `height: 100vh` depends on the parent element
- D. `height: 100%` works without a parent, while `height: 100vh` requires a parent element

2. What pseudo-class do we use in CSS to select the last child element of a parent?

- A. `:last-of-type`
- B. `:last-child` 
- C. `:last`
- D. `:nth-last-child`

3. Which of the following orders correctly represents CSS specificity from highest to lowest?

- A. Inline styles > ID selectors > Class selectors > Element selectors 
- B. ID selectors > Inline styles > Class selectors > Universal selector
- C. Element selectors > Class selectors > ID selectors > Inline styles
- D. Universal selector > Element selectors > Class selectors > ID selectors

4. What is the meaning of defining font-size: 10px; in the CSS root (html)?

- A. The default value of 1rem will be 10px ☒
- B. The default value of 1em in the html element will be 16px
- C. The default value of 1.6rem will be 10px
- D. It prevents the use of % and em units in child elements

5. What is the difference between inline, block, and inline-block elements in CSS?

- A. inline elements take up the full width, while block and inline-block only take the necessary space.
- B. block elements start on a new line and take full width, while inline elements stay in line with other elements, and inline-block behaves like inline but allows setting width and height ☒
- C. inline-block is the same as block, but it has less margin
- D. There is no difference; they all behave the same way

6. When you are styling for a device with a viewport of 625x442px, what is 18px equal to in vw?

- A. 2.88vw ☒
- B. 18vw
- C. 9vw
- D. 3.32vw

7. Which of the following CSS properties are required to create a basic animation?

- A. animation-name and animation-duration ☒
- B. animation-timing-function and animation-delay
- C. animation-direction and animation-iteration-count
- D. animation-fill-mode and animation-play-state

JavaScript

1. How many data types are there in JavaScript?

- A. String, Number, BigInt, Boolean, Undefined, Null, Symbol, Object ☒
- B. String, Number, BigInt, Boolean, Undefined, Null, Array, Object
- C. String, Number, BigInt, Boolean, Undefined, Null, Object
- D. String, Number, Boolean, Undefined, Null, Object

2. Are 'var' and 'let' both block scope in JavaScript true or false?

- A. True
- B. False ☒

3. What does the map() function return?

- A. A new array ☒
- B. The same array
- C. A single value
- D. undefined

4. For the following example, select the correct result when outputting to the screen:

```
const objA = {name: "A"} objA.name = "B" console.log(objA )
```

- A. {name: "A"}
- B. {name: "B"} ☒
- C. {name: "A", name: "B"}
- D. {name: "B", name: "A"}

5. For the following example, select the correct result when outputting to the screen:

```
let arr = ["a", 2, 3, 5] for(let item in arr){ console.log(item) }
```

- A. 0, 1, 2, 3 ☒
- B. "a", 2, 3, 5
- C. undefined
- D. Error

6. When is the load event in javascript fired?

```
window.addEventListener("load", (event) => {});
```


- A. Only done when opening the website
- B. Executed as soon as the DOM page is loaded
- C. Executed when the entire page has finished loading, including dependent resources ☒
- D. Only done when the site is closed

7. What will be logged to the console?

```
console.log(+ "10" + - "5" + + "2" \* - "3");
```

- A. 5

B. 1

C. -3 

D. NaN

8. When is data stored in localStorage deleted? localStorage.setItem('company', 'Kozocom');

A. The data will not be lost unless the user deletes it 

B. When the user closes the browser tab

C. When the user closes the whole browser

D. When users turn off their computers