

Web Design Mastery QUIZ

Test Your Knowledge

GROW YOUR SKILLS Quiz: Web Design Fundamentals

Quiz: Web Design Mastery

Quiz: Web Design Mastery	1
Question 1: Semantic HTML	1
Question 2: CSS Flexbox	2
Question 3: JavaScript Variables	2
Question 4: HTML Links	2
Question 5: CSS Positioning	2
Question 6: JavaScript Arrays	3
Question 7: Responsive Web Design	3
Question 8: CSS Preprocessors	3
Question 9: HTML5 Storage	4
Question 10: ES6 Features	4
Answers	5

Question 1: Semantic HTML

Which element is used for the main navigation block in HTML5?

- A) <nav>
- B) <navigation>
- C) <main>

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- D) <menu>

Question 2: CSS Flexbox

Which CSS property defines the direction of items in a flex container?

- A) flex-direction
- B) flex-wrap
- C) flex-flow
- D) align-items

Question 3: JavaScript Variables

Which keyword is used to declare a block-scoped variable in JavaScript?

- A) var
- B) let
- C) const
- D) int

Question 4: HTML Links

Which attribute in an <a> tag specifies the URL the link goes to?

- A) src
- B) href
- C) link
- D) destination

Question 5: CSS Positioning

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Which value of the position property sets the element's position relative to its normal position?

- A) absolute
- B) fixed
- C) relative
- D) static

Question 6: JavaScript Arrays

How do you add an item to the end of an array named myArray in JavaScript?

- A) myArray.end("newItem");
- B) myArray.add("newItem");
- C) myArray.push("newItem");
- D) myArray.unshift("newItem");

Question 7: Responsive Web Design

What is the purpose of the viewport <meta> tag in HTML?

- A) To disable zooming on mobile devices
- B) To improve the website's SEO
- C) To define the viewport to scale the website correctly on different devices
- D) To specify the character set of the webpage

Question 8: CSS Preprocessors

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Which of the following is a CSS preprocessor?

- A) JavaScript
- B) LESS
- C) HTML
- D) AJAX

Question 9: HTML5 Storage

Which object is used for storing and retrieving data in HTML5?

- A) localStorage
- B) sessionStorage
- C) Both A and B
- D) dataStorage

Question 10: ES6 Features

Which ES6 feature provides a new way to declare functions that can share the this context of the enclosing scope?

- A) Arrow functions
- B) Classes
- C) Promises
- D) Modules

Answers

Semantic HTML

- Answer: A) <nav>
 - The <nav> element is used for the main navigation block in HTML5.

CSS Flexbox

- Answer: A) flex-direction
 - The flex-direction property defines the direction of items in a flex container.

JavaScript Variables

- Answer: B) let
 - The let keyword is used to declare a block-scoped variable in JavaScript.

HTML Links

- Answer: B) href
 - The href attribute in an <a> tag specifies the URL the link goes to.

CSS Positioning

- Answer: C) relative
 - The relative value of the position property sets the element's position relative to its normal position.

JavaScript Arrays

- Answer: C) myArray.push("newItem");
 - The push() method is used to add an item to the end of an array.

Responsive Web Design

- Answer: C) To define the viewport to scale the website correctly on different devices
 - The viewport `<meta>` tag is used to define the viewport to make web pages look good on all devices.

CSS Preprocessors

- Answer: B) LESS
 - LESS is a CSS preprocessor that extends the capabilities of CSS.

HTML5 Storage

- Answer: C) Both A and B
 - Both `localStorage` and `sessionStorage` are used for storing and retrieving data in HTML5.

ES6 Features

- Answer: A) Arrow functions
 - Arrow functions provide a new way to declare functions that can share the this context of the enclosing scope.