

# Web Design Essentials Quiz

## TEST YOUR KNOWLEDGE Quiz

### *Web Design Fundamentals*

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#### Question 1: HTML Fundamentals

What does HTML stand for?

- A) Hyper Text Markup Language
- B) High Tech Main Language
- C) Hyperlink Text Main Language

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- D) Hyper Tool Markup Language
- Answer: A) Hyper Text Markup Language

### Question 2: CSS Basics

Which property is used to change the text color of an element?

- A) text-color
- B) color
- C) font-color
- D) background-color
- Answer: B) color

### Question 3: JavaScript Syntax

How do you declare a JavaScript variable?

- A) var name;
- B) variable name;
- C) v name;
- D) let name;
- Answer: A) var name; and D) let name; (Both A and D are correct as ways to declare a variable.)

### Question 4: HTML5 Elements

Which element is used to represent the navigation links section?

- A) <nav>
- B) <links>

- C) <navigate>
- D) <navbar>
- Answer: A) <nav>

#### Question 5: CSS Positioning

Which CSS property is used to position an element in relation to the viewport?

- A) position: absolute;
- B) position: fixed;
- C) position: relative;
- D) position: static;
- Answer: B) position: fixed;

#### Question 6: JavaScript Functions

What is the correct syntax for calling a function named "myFunction"?

- A) call myFunction();
- B) call function myFunction();
- C) myFunction();
- D) execute myFunction();
- Answer: C) myFunction();

#### Question 7: Responsive Web Design

Which meta tag is essential for making a website mobile-friendly?

- A) <meta name="responsive" content="true">

- B) `<meta name="viewport" content="width=device-width, initial-scale=1.0">`
- C) `<meta name="mobile" content="yes">`
- D) `<meta name="scale" content="no">`
- Answer: B) `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

#### Question 8: CSS Flexbox

To center children horizontally in a flex container, which properties should be used?

- A) `justify-content: center;`
- B) `align-items: center;`
- C) `align-content: center;`
- D) `justify-items: center;`
- Answer: A) `justify-content: center;`

#### Question 9: HTML Links

How do you create a link that opens in a new tab?

- A) `<a href="url" target="_blank">`
- B) `<a href="url" new="true">`
- C) `<a href="url" target="new">`
- D) `<a href="url" open="newTab">`
- Answer: A) `<a href="url" target="_blank">`

#### Question 10: JavaScript Arrays

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How can you add a new item to an array named "myArray"?

- A) `myArray.push("newItem");`
- B) `myArray.add("newItem");`
- C) `myArray.newItem("add");`
- D) `add.myArray("newItem");`
- Answer: A) `myArray.push("newItem");`