

Name: _____

Date: _____

Answer Key: Front End Foundations Quiz for 11th Grade

How do browsers turn code into a visual experience? Identify the core tags and styles used to build responsive web pages.

1. Which specific HTML tag is used to create a hyperlink that connects one webpage to another?

Answer: B) <a>

The <a> (anchor) tag is the standard HTML element used to define hyperlinks.

2. True or False: CSS is primarily responsible for the logic and data processing of a web application.

Answer: B) False

CSS handles the presentation and layout; JavaScript handles the logic and data processing.

3. In the CSS rule 'p { font-family: Arial; }', the 'p' represents the _____.

Answer: C) Selector

The selector determines which HTML elements the CSS styles will be applied to.

4. What is the correct way to link an external JavaScript file named 'script.js' to an HTML document?

Answer: C) <script src="script.js">

The <script> tag uses the 'src' (source) attribute to load external JavaScript files.

5. True or False: An ID attribute in HTML should be unique to a single element on a page.

Answer: A) True

Unlike classes, which can be reused, an ID is intended to identify exactly one unique element.

6. To change the background color of an element in CSS, you would use the _____ property.

Answer: C) background-color

The 'background-color' property is the standard CSS property for setting element backgrounds.

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7. In JavaScript, which keyword is commonly used to declare a variable that will not be reassigned?

Answer: B) const

'const' stands for constant, meaning the variable's reference cannot be changed after assignment.

8. True or False: In HTML, the <body> tag contains metadata about the page that is not visible to the user.

Answer: B) False

The <head> tag contains metadata; the <body> tag contains the visible content of the page.

9. The _____ tag is used in HTML to define the most important heading on a page.

Answer: C) <h1>

HTML uses heading levels 1 through 6, with <h1> being the highest level of importance.

10. If you want to trigger a JavaScript function when a user clicks a button, which HTML attribute do you use?

Answer: A) onclick

The 'onclick' event attribute is used to run a script when an element is clicked.