

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key: Wrangle the Web: A 7th Grade Technical Coding Quiz

Identify the distinct roles of HTML, CSS, and JavaScript through 10 targeted questions focused on page organization, visual design, and logical functions.

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**1. If you are building a digital newspaper, which technology is responsible for making sure the headlines, paragraphs, and images appear in the correct order on the page?**

**Answer:** B) HTML

HTML (HyperText Markup Language) provides the fundamental structure and organization for any webpage, acting like the 'skeleton' of the site.

**2. True or False: CSS is the best tool to use if you want to change the font style of your text to 'Comic Sans' or change the background color to 'Electric Blue'.**

**Answer:** A) True

CSS (Cascading Style Sheets) is dedicated specifically to the visual presentation, including fonts, colors, and layouts.

**3. When a user clicks a button and a hidden message suddenly pops up on the screen, the language likely powering that 'behavior' or action is \_\_\_\_.**

**Answer:** C) JavaScript

JavaScript is the programming language that adds interactivity and dynamic behaviors to a website.

**4. Imagine you are building a house. In this analogy, which part of the house represents CSS?**

**Answer:** B) The paint on the walls and the style of the windows

CSS is like interior design; it focuses on the aesthetic appeal and visual styling rather than the structure (HTML) or functionality (JS).

**5. True or False: Without JavaScript, it is impossible for a website to display any text or images at all.**

**Answer:** B) False

HTML and CSS can display a complete 'static' website without any JavaScript at all. JavaScript is only needed for 'dynamic' changes or complex logic.

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**6. The specific bits of code used in HTML to define elements, such as <p> for a paragraph or <img> for a picture, are known as \_\_\_\_.**

**Answer:** D) Tags

HTML uses tags (enclosed in angle brackets) to label different types of content so the browser knows how to display them.

**7. Which of the following is a task a developer would use JavaScript to complete?**

**Answer:** C) Calculating a score in an online quiz

Calculating logic, handling data, and responding to user input mathematically are core strengths of JavaScript.

**8. True or False: You can use a CSS file to tell the web browser to put extra space (margin) between two different boxes on your page.**

**Answer:** A) True

CSS properties like 'margin' and 'padding' control the spacing and layout of elements on the screen.

**9. If HTML is the 'skeleton' and JavaScript is the 'muscle' that moves it, CSS is the \_\_\_\_ that makes it look unique.**

**Answer:** A) Skin

In this common analogy, CSS represents the surface layer or 'skin/clothing' that provides the visual identity.

**10. What happens if a developer creates an HTML file but forgets to link a CSS file to it?**

**Answer:** B) The website will work but will look like plain black text on a white background

Without CSS, the browser displays the 'raw' HTML content using its default styles, which are usually plain text and blue links.