

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.

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 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.