Name: _____   **Date: _____**

Answer Key: Invisible Blueprints and Digital Magic: 1st Grade Web Design Quiz

Logic sequencing, color-coding, and button-building skills. Students synthesize how hidden code instructions create the games and pet shops they love to visit online.

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1. If you want to build a digital house, which part of the code acts like the wooden beams that hold up the walls?

Answer: B) The HTML structure

> HTML is like the skeleton or the wooden frame of a house; it holds everything in place before you paint it.

2. True or False: CSS is the tool we use to tell the computer that a button should be 'fluffy' or 'pink'.

Answer: A) True

> CSS (Cascading Style Sheets) is used for styling, which includes colors, sizes, and how things look.

3. When you click a button and a digital dragon breathes fire, it is because _____ told the computer what to do next.

Answer: C) JavaScript

> JavaScript is the 'brain' that handles action and interactivity, like making a dragon fire-breath animation happen.

4. Imagine you are building a website for a zoo. Which code would you use to add a picture of a monkey to the page?

Answer: A) An HTML image tag

> Adding content like pictures and text is the job of HTML tags.

5. True or False: If you delete all the CSS, the website will disappear completely and the screen will be empty.

Answer: B) False

> No, the website would still have text and links from the HTML, but it would look very plain and messy without the CSS styling.

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6. To make a robot on your screen dance only when you wave your hand, you need to use _____ code.

Answer: C) JavaScript

> JavaScript listens for what the user does and creates a reaction, like making a robot dance.

7. You want your website title to be 'The Cupcake Land' and you want the words to be Rainbow colored. Which two work together?

Answer: A) HTML for the words and CSS for the colors

> HTML brings the content (the words), and CSS applies the style (the rainbow colors).

8. True or False: If a website has a 'Dark Mode' switch that changes the whole page from white to black, that is an example of JavaScript changing CSS.

Answer: A) True

> JavaScript handles the logic of clicking the switch, and then it tells the CSS to change the background color.

9. If HTML is the 'Body' and CSS is the 'Clothes', then JavaScript is the '____'.

Answer: B) Brain

> JavaScript acts as the brain because it thinks and decides what the website should do when someone interacts with it.

10. Which of these is a 'multi-step' process for a web developer?

Answer: C) Planning words, then styling them, then adding movement

> Web development is a multi-step synthesis of structuring (HTML), styling (CSS), and updating (JS) to make a finished product.