HTML Basics (15 Questions)

1. What does HTML stand for?
2. Which tag is used to create a hyperlink?
3. What tag is used to insert an image?
4. What is the correct HTML element for inserting a line break?
5. Which tag is used to define a table row?
6. What attribute is used to specify the URL of a link?
7. How do you create an unordered list?
8. What tag is used to define a heading of the highest level?
9. Which tag is used to embed a video in HTML5?
10. What is the purpose of the tag?
11. How do you create a checkbox input?
12. What does the `alt` attribute in an **Error! Filename not specified.**tag do?
13. Which tag is used to define a cell in a table?
14. What is the semantic tag used to define navigation links?
15. What tag is used to group block-level content?

HTML Basics Answer Key

1. HyperText Markup Language
2. `<a>`
3. `<img>`
4. `<br>`
5. `<tr>`
6. `href`
7. `<ul>`
8. `<h1>`
9. `<video>`
10. To collect user input
11. `<input type="checkbox">`
12. Provides alternative text for the image
13. `<td>`
14. `<nav>`
15. `<div>`

⊙ CSS Basics (15 Questions)

16. What does CSS stand for?
17. 17.How do you apply a style to an element with id "header"?
18. What property is used to change the text color?
19. How do you center a block element horizontally?
20. What is the difference between `class` and `id` selectors?
21. What CSS property controls the size of text?
22. How do you make a font bold in CSS?
23. What is the default position value for HTML elements?
24. How do you apply a background image in CSS?
25. What property is used to create space inside an element?
26. What property is used to create space outside an element?
27. What is the difference between `relative` and `absolute` positioning?
28. How do you make an element float to the right?
29. What is the purpose of the `z-index` property?
30. How do you apply a style to all elements?

CSS Basics Answer Key

16.   Cascading Style Sheets
17.   `#header { ... }`
18.   `color`
19.   `margin: 0 auto;`
20.   `id` is unique, `class` can be reused
21.   `font-size`
22.   `font-weight: bold;`
23.   `static`
24.   `background-image: url("image.jpg");`
25.   `padding`
26.   `margin`
27.   `relative` positions relative to itself, `absolute` to nearest positioned ancestor
28.   `float: right;`
29.   Controls stacking order of elements

30.   `p { ... }`

⚙ JavaScript Basics (15 Questions)

31. What does JavaScript primarily do in web development?
32. How do you declare a variable in JavaScript?
33. What is the difference between `let`, `const`, and `var`?
34. How do you write a function in JavaScript?
35. What is the purpose of `document.getElementById()`?
36. What symbol is used for comments in JavaScript?
37. What is an array in JavaScript?
38. How do you loop through an array?
39. What is the difference between `==` and `===`?
40. How do you check if a variable is undefined?
41. What is an event listener?
42. How do you prevent a form from submitting?
43. What does `console.log()` do?
44. What is the DOM?
45. How do you change the text of an HTML element using JavaScript?

JavaScript Basics Answer Key

31.   Adds interactivity to web pages
32.   `let`, `const`, or `var`
33.   `let` and `const` are block-scoped; `const` can't be reassigned
34.   `function myFunction() { ... }`
35.   Selects an element by its ID
36.   `//` for single-line, `/* */` for multi-line
37.   A list-like object used to store multiple values
38.   `for`, `forEach`, or `map`
39.   `==` compares value, `===` compares value and type
40.   `typeof variable === "undefined"`
41.   A function that waits for a specific event to occur
42.   `event.preventDefault()`
43.   Prints output to the console
44.   Document Object Model – represents the page structure
45.   `document.getElementById("id").innerText = "new text";`