

Introduction To HTML/CSS



CERTIFICATE OF ACHIEVEMENT

This certificate is proudly presented to

Cavin Khoza

> For: Introduction To HTML/CSS

> With a score of: 40/58 (68.97%)

> Date: February 19, 2025



CAPACITI

Report Summary

Name	: Cavin Khoza
Your Score	: 40 out of 58 (68.97%)
Correct Answers	: 40 Questions
Incorrect Answers	: 18 Questions
Unanswered	: 0 Questions
Required Passing Grade (%)	: 60%
Time Taken	: 15 mins 18 secs
Date	: Feb 19, 2025
Your Result	: Pass
Email	: cavin.khoza@capaciti.org.za

Your Answers

Correct

Q1) The CSS property 'font-size' is used to change the color of text.

- A. True
- B. False (Your Answer)(Correct)

Explanation:Incorrect. The 'font-size' property in CSS is used to adjust the size of text, not its color.

Correct

Q2) HTML stands for Hyper Text Markup Language.

- A. True (Your Answer)(Correct)
- B. False

Explanation:Correct! HTML stands for Hyper Text Markup Language and is used to create the structure of a webpage.

Incorrect

Q3) Web accessibility is not important when building a website.

- A. True (Your Answer)(Incorrect)
- B. False (Correct)

Explanation:Incorrect. Web accessibility is crucial to ensure all users, including those with disabilities, can access and use a website.

Correct

Q4) Which method is used to add new items to the end of an array in JavaScript?

- A. push() (Your Answer)(Correct)
- B. pop()
- C. shift()
- D. unshift()

Explanation:The push() method in JavaScript is used to add new items to the end of an array. It modifies the original array by adding one or more elements to the end of it and returns the new

length of the array.

Incorrect

Q5) Which function is used to parse a string as JSON in JavaScript?

- A. JSON.stringify()
- B. JSON.parse() (Correct)
- C. JSON.stringify() and JSON.parse()
- D. None of the above (Your Answer)(Incorrect)

Explanation: The JSON.parse() function in JavaScript is used to parse a JSON string and convert it into a JavaScript object. It is the counterpart to the JSON.stringify() function, which converts a JavaScript object to a JSON string.

Incorrect

Q6) What is the default value of the 'display' property in CSS?

- A. block
- B. inline (Correct)
- C. inline-block (Your Answer)(Incorrect)
- D. none

Explanation: The default value of the 'display' property in CSS is 'inline'.

Correct

Q7) CSS Grid is a layout system that allows you to design complex web layouts.

- A. True (Your Answer)(Correct)
- B. False

Explanation: Correct! CSS Grid provides a powerful layout system for creating grid-based designs on a webpage.

Correct

Q8) What is the correct syntax for commenting in HTML?

- A. // This is a comment //
- B. <-- This is a comment -->
- C. <!-- This is a comment -->

D. <!-- This is a comment --> (Your Answer)(Correct)

Explanation:The correct syntax for commenting in HTML is <!-- This is a comment -->.

Incorrect

Q9) What does DOM stand for in JavaScript?

- A. Document Object Model (Correct)
- B. Data Object Model (Your Answer)(Incorrect)
- C. Dynamic Operation Model
- D. Design Object Management

Explanation:The Document Object Model (DOM) is a programming interface for web documents. It represents the structure of a document and allows programming languages like JavaScript to manipulate it.

Correct

- A.
- B.

True (Your Answer)
False
Explanation

Correct

Q11) JavaScript is a markup language used to create website structure.

- A. True
- B. False (Your Answer)(Correct)

Explanation:Correct! JavaScript is a programming language used to add interactivity and dynamic elements to a webpage.

Correct

Q12) HTML is used to style the layout of a webpage.

- A. True
- B. False (Your Answer)(Correct)

Explanation:Incorrect. HTML is used for structuring the content of a webpage, while CSS is used for styling the layout.

Correct

Q13) Which CSS property is used to change the background color of an element?

- A. color
- B. background-color (Your Answer)(Correct)
- C. text-color
- D. font-color

Explanation: The 'background-color' property in CSS is used to change the background color of an element.

Correct

Q14) JavaScript can only be used for client-side scripting.

- A. True
- B. False (Your Answer)(Correct)

Explanation: Incorrect. JavaScript can be used for both client-side and server-side scripting, providing dynamic functionality to web applications.

Correct

Q15) CSS stands for Creative Style Sheets.

- A. True
- B. False (Your Answer)(Correct)

Explanation: Incorrect. CSS stands for Cascading Style Sheets and is used to style the HTML structure of a webpage.

Incorrect

Q16) What does the 'margin' property in CSS control?

- A. The size of the text
- B. The space inside the border of an element (Your Answer)(Incorrect)
- C. The space outside the border of an element (Correct)
- D. The color of the background

Explanation: The 'margin' property in CSS controls the space outside the border of an element.

Correct

Q17) What is the correct HTML tag for the largest heading?

- A. <head>
- B. <h1> (Your Answer)(Correct)
- C. <heading>
- D. <big>

Explanation: The <h1> tag is used for the main heading of a web page, with <h2> through <h6> used for subheadings of decreasing size.

Incorrect

Q18) What is the correct CSS syntax to change the font color of a paragraph to red?

- A. p {text-color: red; }
- B. p {color: red; } (Correct)
- C. p {font-color: red; } (Your Answer)(Incorrect)
- D. p {font: red; }

Explanation: The correct CSS syntax to change the font color of a paragraph to red is 'p {color: red; }'.

Correct

- A.
- B.

True (Your Answer)
False
Explanation

Correct

Q20) Which CSS property is used to change the size of a font?

- A. text-size
- B. font-style
- C. font-size (Your Answer)(Correct)
- D. text-transform

Explanation: The 'font-size' property in CSS is used to change the size of a font.

Incorrect

Q21) Which symbol is used to select an ID in CSS?

- A. # (Correct)
- B. . (Your Answer)(Incorrect)
- C. @
- D. *

Explanation: The # symbol is used to select an ID in CSS, for example: #myID { color: blue; }.

Incorrect

Q22) The 'flexbox' layout model in CSS is used for creating grid-based layouts.

- A. True (Your Answer)(Incorrect)
- B. False (Correct)

Explanation: Incorrect. The 'flexbox' layout model is used for creating flexible layouts, while CSS Grid is used for grid-based layouts.

Incorrect

Q23) Which statement is used to perform a specific action based on a condition in JavaScript?

- A. for loop
- B. if statement (Correct)
- C. switch statement
- D. while loop (Your Answer)(Incorrect)

Explanation: The 'if' statement in JavaScript is used to execute a block of code if a specified condition is true. It allows for conditional execution based on whether the condition evaluates to true or false.

Correct

Q24) What does the 'float' property in CSS control?

- A. The justification of text
- B. The alignment of an image
- C. The positioning of an element (Your Answer)(Correct)
- D. The indentation of text

Explanation: The 'float' property in CSS controls the positioning of an element.

Correct

Q25) CSS stands for Computer Style Sheets.

- A. True
- B. False (Your Answer)(Correct)

Explanation:Incorrect. CSS stands for Cascading Style Sheets, not Computer Style Sheets.

Correct

Q26) What is the correct way to comment out a single line in JavaScript?

- A. //This is a comment (Your Answer)(Correct)
- B. /*This is a comment*/
- C. 'This is a comment
- D. #This is a comment

Explanation:In JavaScript, a single-line comment can be created by using // before the comment text. This tells the JavaScript interpreter to ignore everything from // to the end of the line.

Incorrect

Q27) What is the result of 3 + '3' in JavaScript?

- A. 6 (Your Answer)(Incorrect)
- B. 33 (Correct)
- C. Error
- D. undefined

Explanation:In JavaScript, when you use the + operator with a number and a string, the number is converted to a string and concatenated with the other string. So, the result of 3 + '3' is '33'.

Correct

Q28) Which CSS property is used to make text bold?

- A. font-weight (Your Answer)(Correct)
- B. text-align
- C. font-style
- D. text-decoration

Explanation:The 'font-weight' property in CSS is used to make text bold.

Incorrect

Q29) How do you include an external CSS file in your HTML document?

- A. <style> tag (Your Answer)(Incorrect)
- B. <link> tag (Correct)
- C. <script> tag
- D. <css> tag

Explanation: You include an external CSS file in your HTML document using the <link> tag.

Correct

Q30) CSS can only be applied inline within HTML elements.

- A. True
- B. False (Your Answer)(Correct)

Explanation: Incorrect. CSS can be applied inline, internally within the <style> tag, or externally in a separate CSS file.

Incorrect

Q31) Which CSS property is used to control the space between lines of text?

- A. text-spacing
- B. line-height (Correct)
- C. text-line
- D. line-spacing (Your Answer)(Incorrect)

Explanation: The 'line-height' property in CSS is used to control the space between lines of text.

Correct

Q32) What is the correct CSS syntax to center align text?

- A. text-align: center; (Your Answer)(Correct)
- B. align: center;
- C. text-style: center;
- D. center-align: text;

Explanation: The correct CSS syntax to center align text is 'text-align: center;'.

Correct

Q33) What is the correct CSS syntax to apply a shadow effect to an element?

- A. shadow: 5px 5px 5px black;
- B. element-shadow: 5px 5px 5px black;
- C. box-shadow: 5px 5px 5px black; (Your Answer)(Correct)
- D. shadow-element: 5px 5px 5px black;

Explanation: The correct CSS syntax to apply a shadow effect to an element is 'box-shadow: 5px 5px 5px black;'.

Correct

Q34) Which CSS property is used to create rounded corners on an element?

- A. border-round
- B. rounded-corners
- C. corner-radius
- D. border-radius (Your Answer)(Correct)

Explanation: The 'border-radius' property in CSS is used to create rounded corners on an element.

Correct

Q35) Which property is used to change the text color in CSS?

- A. color (Your Answer)(Correct)
- B. font-color
- C. text-color
- D. background-color

Explanation: The 'color' property is used to change the text color in CSS.

Correct

Q36) Which CSS property is used to add a shadow effect to an element's text?

- A. shadow-effect
- B. text-shadow (Your Answer)(Correct)
- C. box-shadow
- D. blur-shadow

Explanation: The 'text-shadow' property in CSS is used to add a shadow effect to an element's text.

Correct

- A.
- B.

True
False (Your
Explanation)

Correct

Q38) Which keyword is used to declare a variable in JavaScript?

- A. var (Your Answer)(Correct)
- B. let
- C. const
- D. int

Explanation: In JavaScript, the 'var' keyword is used to declare a variable. It is a global variable declaration that can be accessed from anywhere within the program.

Correct

Q39) What does CSS stand for?

- A. Cascading Style Sheets (Your Answer)(Correct)
- B. Creative Style Sheets
- C. Computer Style Sheets
- D. Colorful Style Sheets

Explanation: CSS stands for Cascading Style Sheets and is used to style web pages.

Correct

Q40) Which attribute is used to provide an image description in HTML?

- A. alt (Your Answer)(Correct)
- B. title
- C. caption
- D. description

Explanation: The 'alt' attribute is used to provide alternative text for an image in case it cannot be displayed, improving accessibility and SEO.

Correct

Q41) What does HTML stand for?

- A. Hyper Text Markup Language (Your Answer)(Correct)
- B. Highly Technical Machine Learning
- C. Home Tool Markup Language
- D. Hyperlink and Text Markup Language

Explanation:HTML stands for Hyper Text Markup Language and is used to create content on the web.

Correct

Q42) What does the 'position' property in CSS control?

- A. The position of the text
- B. The display mode of an element
- C. The size of the element
- D. The positioning method of an element (Your Answer)(Correct)

Explanation:The 'position' property in CSS controls the positioning method of an element.

Correct

Q43) Which CSS property changes the text color of an element?

- A. font-weight
- B. background-color
- C. color (Your Answer)(Correct)
- D. text-align

Explanation:The 'color' property in CSS is used to change the text color of an element.

Incorrect

Q44) What is the output of console.log(typeof []) in JavaScript?

- A. array (Your Answer)(Incorrect)
- B. object (Correct)
- C. null
- D. undefined

Explanation:In JavaScript, the typeof operator returns the data type of its operand. When used with an empty array [], it returns 'object' because arrays are considered objects in JavaScript.

Correct

Q45) The tag is used to link an external CSS file to an HTML document.

- A. True (Your Answer)(Correct)
- B. False

Explanation:Correct! The <link> tag is used to link an external CSS file to apply styling to an HTML document.

Correct

Q46) What does the 'padding' property in CSS control?

- A. The size of the text
- B. The space inside the border of an element (Your Answer)(Correct)
- C. The space outside the border of an element
- D. The color of the background

Explanation:The 'padding' property in CSS controls the space inside the border of an element.

Incorrect

Q47) Which CSS property is used to set the height and width of an element?

- A. size
- B. height-width (Your Answer)(Incorrect)
- C. dimension
- D. width and height (Correct)

Explanation:The 'width' and 'height' properties in CSS are used to set the height and width of an element.

Correct

Q48) The tag is used for defining the footer section of a webpage.

- A. True (Your Answer)(Correct)
- B. False

Explanation:Correct! The <footer> tag is used to define the footer section of a webpage, typically containing copyright information and links.

Correct

Q49) Which event occurs when the user clicks on an HTML element in JavaScript?

- A. onchange
- B. onsubmit
- C. onclick (Your Answer)(Correct)
- D. onmouseover

Explanation: The 'onclick' event in JavaScript occurs when the user clicks on an HTML element. It is a common event used to trigger a function or script when a user interacts with a webpage by clicking on an element.

Incorrect

Q50) An external CSS file can be linked to an HTML document using the tag.

- A. True (Your Answer)(Incorrect)
- B. False (Correct)

Explanation: Incorrect. An external CSS file is linked using the <link> tag, while the <style> tag is used for internal CSS styles within the HTML document.

Incorrect

Q51) What does the 'this' keyword refer to in JavaScript?

- A. The current function
- B. The parent object (Correct)
- C. The global object (Your Answer)(Incorrect)
- D. The event that triggered the function

Explanation: In JavaScript, the 'this' keyword refers to the object it belongs to. It typically points to the parent object in which it is used, whether that is a global object, a function, or an event.

Correct

Q52) JSX is a syntax extension for JavaScript often used in React applications.

- A. True (Your Answer)(Correct)
- B. False

Explanation: Correct! JSX is a syntax extension used in React to easily write HTML-like code within JavaScript.

Correct

Q53) What is the correct HTML tag for inserting a line break?

- A. `
` (Your Answer)(Correct)
- B. `<break>`
- C. `<lb>`
- D. `<newline>`

Explanation: The `
` tag is used to create a line break in HTML, allowing content to appear on separate lines.

Correct

Q54) What is the correct CSS syntax to apply a background image to an element?

- A. `background: image-url('image.jpg');`
- B. `background-image: url('image.jpg');` (Your Answer)(Correct)
- C. `image: background('image.jpg');`
- D. `background-image-url: ('image.jpg');`

Explanation: The correct CSS syntax to apply a background image to an element is `'background-image: url('image.jpg');`.

Correct

Q55) JavaScript can be used to manipulate HTML elements on a webpage.

- A. True (Your Answer)(Correct)
- B. False

Explanation: Correct! JavaScript can be used to dynamically change, add, or remove HTML elements on a webpage for interactive user experiences.

Incorrect

Q56) Which tag is used to define a hyperlink in HTML?

- A. `<link>`
- B. `<a>` (Correct)
- C. `<ref>`
- D. `<url>` (Your Answer)(Incorrect)

Explanation: The `<a>` tag is used to create hyperlinks in HTML, allowing users to navigate between different web pages.

Correct

- A.
- B.

True (Your
False
Explanation

Incorrect

Q58) Which tag is used to define an external style sheet in HTML?

- A. <stylesheet> (Your Answer)(Incorrect)
- B. <link> (Correct)
- C. <style>
- D. <css>

Explanation: The <link> tag is used to define an external style sheet in HTML.