 **CSS Proficiency Assessment** 

**Time: 1 Hour and 30 Minutes**

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**Date: 26/APR/2023**

**Instructions**:

- This assessment is designed to test your proficiency in CSS.

- There are 30 questions in total, and each question is worth one point.

- Please answer all questions to the best of your ability.

**For Trainer**

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| --- | --- |
| **Points** | 20 |

**Section A: Multiple Choice Questions (10 points)**

Choose the correct answer from the options provided.

1. What does CSS stand for?

a) Cascading Style Sheets

b) Central Style Sheets

c) Creative Style Sheets

d) Cascading Sheet Styles

Answer: A

2. Which property is used to change the background color of an element?

a) background-color

b) color

c) font-family

d) margin

Answer: A

3. Which property is used to change the font size?

a) font-family

b) font-size

c) color

d) text-decoration

Answer: B

4. Which property is used to center an element horizontally?

a) text-align

b) margin-left

c) margin-right

d) float

Answer: A

5. Which property is used to add a border to an element?

a) border

b) margin

c) padding

d) background-color

Answer: A

6. Which property is used to add space between the border and the content inside an element?

a) margin

b) padding

c) border-spacing

d) width

Answer: A

Answer: b

7. Which property is used to make text bold?

a) font-weight

b) text-transform

c) text-decoration

d) letter-spacing

Answer: A

8. Which property is used to make text italic?

a) font-weight

b) text-transform

c) text-decoration

d) font-style

Answer: D

9. Which property is used to change the color of text?

a) font-weight

b) text-transform

c) text-decoration

d) color

Answer: D

10. Which property is used to change the size of an element?

a) width

b) height

c) font-size

d) margin

Answer: D

**Section B: True or False Questions (10 points)**

Indicate whether the following statements are true or false.

11. CSS is used to style the presentation of HTML content.

a) True

b) False

Answer: A

12. The box model refers to the way elements are laid out on a web page.

a) True

b) False

Answer: A

13. The margin property is used to add space inside an element.

a) True

b) False

Answer: A

Answer: b

14. The display property is used to control how an element is displayed on a web page.

a) True

b) False

Answer: A

15. The float property is used to position elements relative to their parent container.

a) True

b) False

Answer: A

16. The position property is used to control the layout of elements on a web page.

a) True

b) False

Answer: B

Answer: a

17. The z-index property is used to control the order of elements on a web page.

a) True

b) False

Answer: B

Answer: a

18. The background-image property is used to add a background image to an element.

a) True

b) False

Answer: A

19. The text-decoration property is used to add effects like underline, over line, or strike-through to text.

a) True

b) False

Answer: A

20. The line-height property is used to control the spacing between lines of text.

a) True

b) False

Answer: B

Answer: a

**Section C: Short Answer Questions (10 points)**

Provide a brief answer to each question.

21. What is the difference between padding and margin in CSS?

Answer: Padding is like when you want to make the content to be in one side while margin is when you give a space between the content.

Answer: In CSS, padding and margin are two fundamental properties that are used to adjust the spacing of elements. The padding property adds space within an element between its content and its border, while the margin property adds space outside an element between its border and its neighboring elements.

22. What is the purpose of the z-index property in CSS?

Answer: To control the element on web page.

23. What is the box model in CSS?

Answer: this is the way element are laid out on web page.

24. What is the purpose of the float property in CSS?

Answer: it is used for positioning and formatting content.

25. What is the difference between inline and block elements in CSS?

Answer: inline is when you are editing using CSS inside html while block is to display list items horizontally.

Answer: In CSS, there are two primary types of elements: `inline` and `block`. Block-level elements are those that create a rectangular box that spans the entire width of their parent container.

They start on a new line, and their width, height, padding, margin, and border properties can be set. Examples of block-level elements include `div`, `h1`, `p`, `ul`, and `li`. Inline elements, on the other hand, do not create a new line and only take up as much width as necessary. They are typically used for text or smaller elements and are nested within block-level elements.

Inline elements cannot have their width or height set, and their padding, margin, and border properties only affect the content within them. Examples of inline elements include `span`, `a`, `strong`, `em`, `and` `img`.

26. What is the purpose of the display property in CSS?

Answer: display property in CSS is used to the property in CSS

Answer: The `display` property in CSS is used to control the layout behavior of an HTML element. It specifies how an element should be displayed on the web page

27. What is the purpose of the position property in CSS?

Answer: This to arrange the content and put them in the right position.

28. What is the difference between absolute and relative positioning in CSS?

Answer: Absolute is when the object remains at it positon while relative is make move

Answer: The key difference between `relative` and `absolute` positioning is that `relative` positioning is based on the normal document flow, while `absolute` positioning is not. This means that an absolutely positioned element can be placed anywhere on the page, regardless of its position in the document flow.

29. What is the purpose of the transform property in CSS?

Answer: This is used when you want to change a property into another way to like different.

Answer: The `transform` property in CSS is used to apply various types of transformations to HTML elements, such as rotating, scaling, skewing, or translating them in 2D or 3D space. This property allows developers to modify the appearance of an element without affecting its position in the document flow.

30. What is the purpose of the @media rule in CSS?

Answer: This is used in media queries to apply different styles for different media.