 **CSS Proficiency Assessment** 

**Time: 1 Hour and 30 Minutes**

**Full Name: LWEBUGA CHARLES**

**Date: 26/04/2023**

**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** | 26 |

**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: 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: A**

**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: True**

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

a) True

b) False

**Answer: True**

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

a) True

b) False

**Answer: False**

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

a) True

b) False

**Answer: True**

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

a) True

b) False

**Answer: True**

Answer: b

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

a) True

b) False

**Answer: False**

Answer: a

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

a) True

b) False

**Answer: False**

Answer: a

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

a) True

b) False

**Answer: True**

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

a) True

b) False

**Answer: True**

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

a) True

b) False

**Answer: True**

**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 refers to space between an element and its content**

**While**

**Margin refers to space between the margin and the content**

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

**Answer: Z Index property defines the order of overlapping HTML elements.**

23. What is the box model in CSS?

**Answer: The box model refers to the way elements are laid out on a web page and it is used to create the design and layout of web pages.**

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

**Answer: The float property in CSS places an element on the left or right side of its container, allowing text and inline elements to wrap around it**

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

**Answer: Inline elements display in a line and they do not force the text after them to a new line**

**While**

**A block element is an HTML element that appears on a new line for example underneath the preceding element in a horizontal writing mode, and above the following element**

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

**Answer: The display CSS property sets whether an element is treated as a block or inline element and the layout used for its children, such as flow layout, grid or flex**

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

**Answer: The position CSS property sets how an element is positioned in a document.**

Answer: The `position` property in CSS is used to control the position and layout behavior of an HTML element. It allows developers to specify how an element should be positioned within its parent container

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

**Answer: Relative positioning: The element is positioned relative to its normal position**

**While**

**Absolute positioning: The element is positioned absolutely to its first positioned parent.**

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

**Answer: The transform CSS property lets you rotate, scale, skew, or translate an element.**

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

**Answer: The @media rule is used to apply part of a style sheet based on the result of one or more media queries**