 **CSS Proficiency Assessment** 

**Time: 1 Hour and 30 Minutes**

**Full Name: shyakacedrick**

**Date:**

**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** | 27 |

**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: A**

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: C**

**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: 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**

Answer: b

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: 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, overline, 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: 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: The difference between padding and margin is that padding is used to add space inside the element, margin is used to add space outside of the element.**

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

**Answer: The purpose of z-index is to order the arrangement of the elements.**

23. What is the box model in CSS?

**Answer: Box model is the layout and arrangement of all elements in of HTML.**

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

**Answer: Float property is used for moving the HTML element in preferred position, eg positioning an element in left, center or right**

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

**Answer: The difference between inline and block is that inline creates a new line just like break <br> property element in HTML unlike block element that always creates a space between the elements as much as they can be instead of newline.**

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

**Answer: The purpose of display property is to create an arrangement or layouts of the elements.**

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

**Answer: The purpose of position property is to position the element and controlling how it should be positioned in the flow of your code.**

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

**Answer: The difference between absolute and relative position is that absolute positioning removes the complete flow of the element as independent while relative positioning makes the element a parent which makes it dependable to its element children.**

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

**Answer: The transform property transforms the element into preferred style. For example, you can use the transform property to change your text from lower case to upper case.**

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

**Answer: The purpose of @media rule is that it makes it easier for the code to be read by different devices. For example, to make your website to be responsive to small devices like phone or watch you need to use @media screen(){} syntax.**