 **CSS Proficiency Assessment** 

**Time: 1 Hour and 30 Minutes**

**Full Name: Munira Alaam**

**Date:26th/4/2023**

**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**

|  |  |
| --- | --- |
| **Points** | 23 |

**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: c**

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**

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: 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**

Answer: b

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

a) True

b) 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: 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?

**padding is the space between border and content while**

**margin is the space around an element's border**

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

**The z-index is used to control the order of elements on a web**

23. What is the box model in CSS?

**box model is the way elements are laid out on a web page.**

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

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

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

**Inline elements are elements that doesn’t start on a new line while block elements are those that start on a new line and automatically.**

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

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

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

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

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

**Absolute positioning is layout of elements starting from the beginning way that is while relative positioning is the layout of elements in a calismatic way**

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: 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?

**It shows that the element is from a certain social media platform.**

Answer: The `@media` rule in CSS is used to specify different styles for different media types, such as different screen sizes or devices. It allows developers to create responsive and adaptive web designs that can adjust their appearance based on the user's device, screen size, or orientation.