

Name\_\_\_\_\_

ID Number\_\_\_\_\_

CMSC 122

Exam 1

Fall 2019

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TOTAL	/100

## Section 1 – 3 Points each

1. Circle just the attribute value of the following HTML element:

```
<p lang = "en"> Exam 1 </p>
```

2. Circle just the property in the following CSS rule:

```
h3 { color : red; }
```

3. Circle just the selector in the following CSS rule:

```
* { color : blue; }
```

4. Write an HTML comment that says: Exam 1. \_\_\_\_\_

5. Write a CSS comment that says: Exam 1. \_\_\_\_\_

6. 128.8.128.8 is an example of a(n) \_\_\_\_\_ address.

7. A computer program, such as Apache or IIS, that responds to browser requests and sends back web pages is called a(n) \_\_\_\_\_

8. A `h1` and a `p` element can never be in the same `class`. True or False? \_\_\_\_\_

9. All URLs have to start with `http://` True or False? \_\_\_\_\_

10. The goal of CSS is to describe structure only. Presentation should be left to HTML.

True or False? \_\_\_\_\_

11. You should use `<strong>` if you simply want something to be in bold in HTML. True or False? \_\_\_\_\_

12. On how many lines, will the text of the paragraph below display in the browser? \_\_\_\_\_

```
<p>Line1
```

```
    Line2
```

```
    Line3
```

```
</p>
```

13. What character is used as the id selector in CSS? \_\_\_\_\_

14. Assume the following HTML code: `<p> 5 &gt; 4 &amp; 2 &lt; 3 </p>`

What will display in the browser? \_\_\_\_\_

15. The four sections in the CSS box model are content, padding , border and \_\_\_\_\_.

## Section 2

16. (3pt) What are the **three** types of HTML lists?

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

17. (6pt) Assume you have an image called terrapin.jpg in the same folder as your HTML file. Show the HTML code you would write to make the image be a link to the UMD website(www.umd.edu).

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18. (3pt) What are the 3 ways to use CSS?

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

19. (4pt) Write a CSS rule such that all `<p>` descendants of a `<div>` will be blue.

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20. (4pt) Write a CSS rule such that all elements in the `class info` will be red.

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### Section 3 – Write the HTML Code (NO CSS) – 15 Points

21. Write just the code in the <body> you need to make the following table. The value of the border is 1. The content of the table cells in the second row are lists. Do not use <b> or <strong> for the first row.

My Lists	
1. One 2. Two 3. Three	<ul style="list-style-type: none"><li>• HTML</li><li>• CSS</li><li>• JS</li></ul>

## Section 4 – Write the JS Code – 20 Points

22. Write a JS program (just what goes in the script tag) that will prompt the user for his/her name with the text `Enter your name:` . It should next prompt the user for a number with the text `Enter a number:` . You can assume that the user will enter a string that can be converted to a number by JavaScript. The program will write to the webpage as a paragraph, the user's name and let the user know if the number is non-negative or negative. For example, if the person enters the name Joe and 7. The webpage will display:

Joe, the number 7 is non-negative.

If the user re-loads the page and this time they enter Mary and -5. The output will now be:

Mary, the number -5 is negative.

**Extra blank page if needed**