

Name **KEY**

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. `<!-- Exam 1 -->`

5. Write a CSS comment that says: Exam 1. `/* Exam 1 */`

6. 128.8.128.8 is an example of a(n) **ip** address.

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

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

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

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

True or False? **False**

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

12. On how many lines, will the text of the paragraph below display in the browser? **1 line**

```
<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? **5 > 4 & 2 < 3**

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

## Section 2

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

- 1) **ordered or <ol>**
- 2) **unordered or <ul>**
- 3) **definition list or <dl>**

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).

```
<a href="http://www.umd.edu"><li>One</li><li>Two</li><li>Three</li></ol> | <ul style="list-style-type: none"><li>HTML</li><li>CSS</li><li>JS</li></ul> |

```
<table border="1">
<tr> <th colspan ="2"> My Lists </th> </tr>
<tr>
  <td> <ol>
    <li>One</li>
    <li>Two</li>
    <li>Three</li>
  </ol> </td>
  <td> <ul>
    <li>HTML</li>
    <li>CSS</li>
    <li>JS</li>
  </ul> </td>
</tr>
</table>
```

## 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.

(Some may write "use strict";)

```
let name = prompt("Enter your name: ");
```

```
let num = prompt("Enter a number: ");
```

```
if (num < 0)
```

```
{
```

```
    document.writeln("<p>" + name + ", the number " + num + " is negative. </p>");
```

```
}
```

```
else
```

```
{
```

```
    document.writeln("<p>" + name + ", the number " + num + " is non-negative. </p>");
```

```
}
```