

Name **KEY**

ID Number _____

CMSC 122

Exam 1

Fall 2019

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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 `` 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 > 4 & 2 < 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 **
- 2) **unordered or **
- 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"></a>
```

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

- 1) **Inline or style attribue**
- 2) **Internal or Style tag**
- 3) **External or .css file**

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

```
div p {color: blue;}
```

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

```
.info {color: red;}
```

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 or for the first row.

My Lists	
<ol style="list-style-type: none">1. One2. Two3. Three	<ul style="list-style-type: none">• HTML• CSS• JS

```
<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>");
```

```
}
```