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**ICE- 3- Concept Review**

1. Which of the following is a self-closing tag? **E**
   1. img
   2. br
   3. h1
   4. src
   5. A and B
   6. None of the above
2. What are the three “parts” of an HTML document. **B**
   1. protocol,domain, document
   2. doctype, body, head,
   3. request, response, return
   4. browser, client, server
   5. None of the above
3. Which of the following is an example of an absolute reference? **F**
   1. <http://www.cnn.com>
   2. <http://www.cnn.com/menu.pdf>
   3. <http://www.cnn.com/menu.html>
   4. <menu.html>
   5. [menu.pdf](menu.html)
   6. A, B, & C
   7. D and E
   8. None of the above
4. Which line of code indicates to the browser that the page should be rendered using HTML5? **B**
   1. <!DOCTYPE html5>
   2. <!DOCTYPE html>
   3. <html doctype = “html5”>
   4. All of the above
5. What are the three “parts” of a valid URL. **A**
6. protocol, domain, document
7. doctype, body, head,
8. request, response, return
9. browser, client, server
10. Which of the following is an example of relative reference? **G**
    1. <http://www.cnn.com>
    2. <http://www.cnn.com/menu.pdf>
    3. <http://www.cnn.com/menu.html>
    4. <menu.html>
    5. [menu.pdf](menu.html)
    6. A, B, & C
    7. D and E
    8. None of the above
11. Which of the following is an example of the “cascading” in CSS. **E**
    1. The style attribute in a tag overrides the default styling of that element
    2. The style attribute in a tag overrides styling from an external style sheet of that element
    3. You can write rules that override Bootstrap styling
    4. A and B
    5. A, B, and C
    6. None of the above
12. The form tags input = “text” and input = “email” look identical to the user. Which of the following is the best reason to use email instead of text: **B**
    1. To ensure code validation
    2. To provide input validation on some browsers
    3. So the browser knows to style the input field differently
    4. All of the above
    5. None of the above
13. In the following code snippet, what value is given for the bottom margin:

margin: 5px 10px 8px 6px; **C**

1. 5px
2. 10px
3. 8px
4. 6px
5. None of the above
6. In the following code snippet, what value is given for the bottom margin:

margin: 5px 10px; **A**

1. 5px
2. 10px
3. 8px
4. 6px
5. None of the above
6. In the following code snippet, what value is given for the bottom margin:

margin: 10px; **G**

1. 5px
2. 10px
3. 8px
4. 6px
5. None of the above

**SHORT ANSWER:**

Consider the following code:

          <div class = "col-md-6 col-lg-2">

1. In an xs viewport \_\_1\_\_\_ columns will be used to display the div.
2. In a sm viewport \_\_1\_\_\_ columns will be used to display the div.
3. In a md viewport \_\_6\_\_\_ columns will be used to display the div.
4. In a lg viewport \_\_2\_\_\_ columns will be used to display the div.
5. What is a reason for viewing your site on a local server?

**Answer:**

Because if you want to test dynamic, server-side code (like PHP, MySQL) inside a HTML instead of a static one, you have to run a server to execute the code and preview the result.

1. What are the four tenets of Accessibility?

**Answer:**

Perceivable, operable, understandable, and robust.

1. What two attributes should you always include with an img tag?

**Answer:**

src, alt

Give an example of a:

1. pseudo-element

**h1::before{**

**content: " - Remember this";**

**}**

1. pseudo-class

**a:hover {**

**color: blue;**

**}**

1. static measurement

**px**

1. fluid measurement

**em**

1. ARIA label

**<img aria-label=”hello” src=”img/picture.jpg”>**

1. What attribute can you set if you want to give the user keyboard access to it, e.g. it is reachable via tabbing?

**tabindex=”0”**

1. What is the difference visually on a page between using **display: none** vs **visibility: hidden**?

**Answer:**

Elements with *display:none* will not occupy any space on the page and are not accessible, while those with visibility:hidden still occupy spaces on the page yet won’t be shown to users.

1. What does the term “mobile first” mean?

**Answer:**

It means design the smallest screen first, and then add more content for larger screens.

1. What is a default style sheet and what is its purpose?

**Answer:**

The default style sheet is provided by browser to give default styles to any document.

1. Name two browser prefixes

**-webkit- & -moz-**

1. Which CSS3 property determines the stacking order of elements if they are placed in the same spot using position: absolute?

**z-index**

1. Name a **position** value that doesn’t utilize any offsets.

**position: fixed;**

1. Write a code snippet to make a list that lists its items with square.

**list-style-type: square;**

1. Consider the code snippent below that uses grid positioning.

**.two {**

**grid-column: 2 / 4;**

**grid-row: 1 / 3;**

**}**

How many columns does it span?

**2 columns.**

How many rows does it span?

**2 columns.**

1. Write a snippet of code that causes all divs with a class of **blue** to use white font on a blue background when the div is “clicked” with the mouse.

**div .blue:active {**

**color: white;**

**background-color: blue;**

**}**

1. Write a snippet of code that sets the background-image of the header to the file maizeAndBlue.jpg. You should assume that the css file is in the css subfolder and that the image is in the img folder.

**.header {**

**background-image: url(“../img/maizeAndBlue.jpg”);**

**}**

See the html and css files on the next page. What is the color, background-color, and font-family for each of the paragraphs below? Assume all fonts ***except Courier*** are supported by your browser. (Please contact me if you are not able to view the image.)

Color Background-color Font

1. A \_\_\_\_\_ green \_\_\_\_\_\_ \_\_\_\_\_pink\_\_\_\_\_ \_\_\_\_\_Times\_\_\_\_\_
2. B \_\_\_\_\_\_white\_\_\_\_\_\_ \_\_\_\_\_\_\_black\_\_\_\_\_\_ \_\_\_\_\_Cursive\_\_\_\_\_
3. C \_\_\_\_\_\_white\_\_\_\_\_\_ \_\_\_\_\_\_\_black\_\_\_\_\_\_ \_\_\_\_\_Cursive\_\_\_\_\_
4. D \_\_\_\_\_black\_\_\_\_\_ \_\_\_\_\_\_\_lightgrey\_\_\_\_\_\_ \_\_\_Browser Default\_\_
5. E \_\_\_\_\_black\_\_\_\_\_\_ \_\_\_\_\_ lightgrey\_\_\_\_\_ \_\_\_\_\_\_Arial\_\_\_\_\_\_
6. F \_\_\_\_\_black\_\_\_\_\_ \_\_\_\_\_\_\_lightgrey\_\_\_\_\_\_ \_\_\_Browser Default\_\_
7. G \_\_\_\_\_green\_\_\_\_\_\_ \_\_\_\_\_\_blue\_\_\_\_\_\_ \_\_\_\_\_\_Arial\_\_\_\_\_\_
8. H \_\_\_\_\_green\_\_\_\_\_\_ \_\_\_\_\_\_\_green\_\_\_\_\_\_ \_\_\_\_\_\_\_Times\_\_\_\_\_\_

**<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <title>CSS Preferences</title>
 <link rel="stylesheet" type="text/css" href="ReviewQuestions.css">
</head>
<body>
 <p id = "p1" class = "mon">
  A
 </p>
 <p id = "p2" class = "mon tue">
  B
 </p>
 <p id = "p3" class = "tue mon">
  C
 </p>
 <p id = "p4">
  D
 </p>
 <p id = "p5" class = "thur">
  E
 </p>
 <p id = "p6" class = "fri">
  F
 </p>
 <p class = "thur mon">
  G
 </p>
 <p id = "p7" class = "mon" 
    style="background-color:green">
  H
 </p>
</body>
</html>**

#p1, #p2, #p3{
 width:55px;
 line-height: 50px;
 text-align: center;
}

#p4, #p5, #p6, #p7{
 width:55px;
 line-height: 50px;
 text-align: center;
 background: lightgrey;
}

.mon{
 background-color: pink;
 color: green;
 font-family: Times, Helvetica;
}

.tue{
 font-family: Courier, Cursive; 
 color: white;
 background-color: black;
}

.thur{
 background-color: blue;
 font-family: Arial;
}
