

Week 9 Multiple-choice

1. **What is the correct CSS property for setting the color of the letters rendered by the browser?**
 - a. Font-color
 - b. Background-color
 - c. Color
 - d. Text-color
2. **What format has replaced XML as the dominant representation of data in AJAX calls?**
 - a. HTML
 - b. Javascript
 - c. CSS
 - d. JSON
3. **Of the following, what three are the parts of a CSS rule?**
 - a. Property-value combination
 - b. Selectors
 - c. Curly braces
 - d. @import statements
4. **When using the “border-box” for box-sizing, the width of which of the following are added together to calculate the total width of the element? (*multi-select*)**
 - a. Left and right margins
 - b. The element’s content
 - c. Left and right padding
 - d. Left and right borders
5. **Which of the following settings for the CSS position property will remove the element from the normal page flow?**
 - a. Static
 - b. Relative
 - c. Float
 - d. Absolute
6. **Given that you want to style a block name “tree” with an element “label” and a modifier to show that it’s active, what would be a correct CSS class name following BEM naming scheme?**
 - a. Tree__label__active
 - b. Treelabelactive
 - c. Tree__label--active
 - d. Tree--label__active

7. **The CSS border property is a short-hand property that allows you to set 3 properties of an element's border. What are they? (*multi-select*)**
- a. Shadow
 - b. Color
 - c. Line style
 - d. Width
8. **What does the “E” in BEM stand for?**
- a. Empty
 - b. Each
 - c. Element
 - d. Every
9. **Which one of the following directives allows you to includes the content of one CSS file in another?**
- a. @import
 - b. #include
 - c. @apply
 - d. @media
10. **Which of the following is the CSS property used to set how bold (or light or normal) the browser renders letters?**
- a. Font-weight
 - b. Text-weight
 - c. Weight
 - d. Boldness
11. **From the reading, identify the two options that are relative units of measure defined by the CSS. (*multi-select*)**
- a. em
 - b. cm
 - c. in
 - d. rem
12. **Which of the following are valid values for the display property for CSS? (*multi-select*)**
- a. grid-layout
 - b. flexbox
 - c. sticky
 - d. inline-block
 - e. inline
 - f. flex
 - g. fixed
 - h. block
 - i. grid

13. Which of the following are valid media types for a media query?
- a. float
 - b. visible
 - c. print
 - d. screen
14. Which of the following suffixes can you use with margin, padding, and border to apply settings to a specific side of the element? (*multi-select*)
- a. -right, as in margin-right or padding-right
 - b. -top, as in margin-top or border-top
 - c. -inside, as in padding-inside or border-inside
 - d. -upper, as in margin-upper or padding-upper
15. Which of the following are generic names for font families defined by the CSS standard? (*multi-select*)
- a. comic
 - b. typewriter
 - c. serif
 - d. sans-serif
 - e. cursive
16. Which of the following will include a CSS files *main.css* into an HTML file so the browser can apply the styles?
- a. <link rel="stylesheet" href="main.css">
 - b. <link relation="stylesheet" href="main.css">
 - c. <link rel="stylesheet" src="main.css">
 - d. <link href="main.css">
17. Which of the following options shows the CSS property used to set the background image for an HTML element?
- a. bkgrnd-img
 - b. background-image
 - c. backgroundImage
 - d. background-img
18. From the reading, identify the two options that are absolute units of measurement defined by CSS. (*multi-select*)
- a. px
 - b. vw
 - c. %
 - d. pt
19. Select all of the options that CSS would interpret as the color solid black. (*multi-select*)
- a. rgba(0, 0, 0, 1)
 - b. rgb(0, 0, 0)
 - c. #000000
 - d. Black

20. When using the flex property on a child element in a flexible box container, what three parts can you specify to affect the way it is laid out? (multi-select)
- a. The “shrink” portion which determines how much the element can shrink
 - b. The “align” portion which dictates if it should align at the beginning or the end of the flow
 - c. The “padding” portion which determines how much space to put between the elements
 - d. The “grow” portion which determines how much available space it will take up
 - e. The “basis” portion which is considered to be the default size of the element
21. When using the rgba() method of specifying a color for the browser to render, what is the alpha value that will the color totally transparent?
- a. 1
 - b. There is no way to make a color transparent in CSS using rgba()
 - c. none
 - d. 0
22. Of the options listed, which one of the following has the highest level of specificity with regards to how CSS determines rule application?
- a. Rules that target an id
 - b. Rules that target a pseudo-selector
 - c. Rules that target a class
 - d. Rules that target a tag name
23. Which one of the following HTML blocks contains an element that would be selected by `div > a[href]`?
- a. `<div>Link</div>`
 - b. `<div>Link</div>`
 - c. `<div>Link</div>`
 - d. `<div><p>Link</p></div>`
24. What is the primary advantage of introducing the complexity of AJAX rather than relying on the older full-page request/response cycle?
- a. A faster version of HTTP, HTTP 3.0, that only AJAX-enabled applications can use.
 - b. Using AJAX lets you use more advanced CSS to animate your user interface
 - c. An improved user experience by receiving smaller response sizes to update just part of the page
 - d. The ability to use JavaScript in your application rather than relying on just boring HTML
25. When making an HTML element span rows in an element that uses the CSS Grid Layout, which of the following CSS properties can you use? (multi-select)
- a. grid-row-begin
 - b. grid-row-start
 - c. grid-area-start
 - d. grid-row-end
 - e. grid-area-end
 - f. grid-row-finish

- 26. Which of the following is the CSS property used to set how large the browser renders letters?**
- a. font-size
 - b. size
 - c. letter-size
- 27. Which of the following is the default value for the CSS position property for HTML elements?**
- a. hidden
 - b. block
 - c. float
 - d. static
- 28. Which two of the following CSS properties are used on a container in the Flexible Box model to specify how its children elements will be distributed?**
- a. text-align
 - b. flex
 - c. align-items
 - d. justify-content
- 29. Which of the following CSS selectors has the highest specificity?**
- a. ul li a.selected
 - b. *
 - c. ul li a
 - d. ul.nav li.selected
- 30. Which of the following CSS selectors would apply to all LI tags that do not have the “selected” class?**
- a. li:without(.selected)
 - b. li:except(.selected)
 - c. li:not(li.selected)
 - d. li:not(.selected)
- 31. What does the acronym AJAX stand for?**
- a. Asynchronous Javascript and XML
 - b. Applying Javascript to Asynchronous XML
 - c. Application Javascript Analyzing XML
 - d. Asynchronous Java and XML
- 32. If you want to add four pixels of space between the content of an element and it's border, what property would you set?**
- a. padding
 - b. margin
 - c. display
 - d. Broder-inset

33. Which of the following CSS pseudo-classes will be applied when someone has the pointing device over a targeted element?

- a. :over
- b. :mouseover
- c. :in
- d. :hover

34. Which of the following HTML blocks contains an element that would be selected by `div#main a.current`?

- a. `<div class="main">Link</div>`
- b. `<div id="main">Link</div>`
- c. `<div class="main">Link</div>`
- d. `<div id="main">Link</div>`

Answer key:

1. C
2. D
3. A, b, c
4. B, c, d
5. D
6. C
7. B, c, d
8. C
9. A
10. A
11. A, d
12. D, e, f, h, i
13. C, d
14. A, b
15. C, d, e
16. A
17. B
18. A, d
19. A, b, c, d
20. A, d, e
21. D
22. A
23. A
24. C
25. B, d
26. A
27. D
28. C, d
29. D
30. D
31. A
32. A
33. D
34. d