Instructions:

❋ For multiple choice questions, circle the letter of the one best choice unless the question explicitly states that it might have multiple correct answers.

❋ There is no penalty for guessing, so be sure to answer all questions.

❋ Unless otherwise indicated, all questions count equally.

1. In the URL, `http://babbage.cs.qc.cuny.edu/courses/cs081/2009_09`, what is the "babbage.cs.qc.cuny.edu" part?

    A. The name of a computer

    B. The name of a directory

    C. The name of a file

    D. The name of a web browser

    E. The name of a person

2. From what you know about the web site for this course, what is the name of the file that is delivered to the browser for the URL in Question 1?

3. If a directory contains two subdirectories named "css" and "images" and "images" contains a file named "flower.jpg," what would be the pathname that a file in the css directory would use to reference the flower.jpg file?

    A. `flower.jpg`

    B. `./flower.jpg`

    C. `images/flower.jpg`

    D. `../images/flower.jpg`

    E. `.../images/stylesheeet.css`

4. Which of the following is *not* in any part of an HTTP request message?

    A. The Internet address of the computer to which the request is being sent

    B. The Internet address of the computer from which the request is being sent

    C. The pathname to the file being requested

    D. The port number of the web server

    E. The XHTML contents of the web page being requested

5. Write the complete XHTML code for a paragraph element with an id of <u>exam</u> and a class of <u>important</u>. Make the content of the paragraph any grammatically correct English sentence.

6. What is wrong with this XHTML code: `<H1>Hello, World!</H1>`.

   A. You cannot put punctuation, like commas and exclamation marks between H1 tags.

   B. The second tag should be `<H1/>`.

   C. The second tag should be `<H2>`.

   D. XHTML tag names must be lower case.

   E. There should be a space before the H in Hello and another one after the exclamation mark.

For the questions 7-14, choose your answers from the following choices, which are based on the following code. You may use the same choice more than once, or not at all.

```
<h1 id="main-title">Welcome to Vickery&rsquo;s Term Paper</h1>
```

    A. `<h1 id="main-title">`
    B. `h1`
    C. `id`
    D. `"main-title"`
    E. `id="main-title"`
    F. `’`
    G. `Welcome to Vickery’s Term Paper`
    H. `<h1 id="main-title">Welcome to Vickery’s Term Paper</h1>`

7. _____ An XHTML *element*

8. _____ A *character entity*

9. _____ The *content* of an element

10. _____ The *name* of an attribute

11. _____ The *value* of an attribute

12. _____ A *start tag*

13. _____ A *tag name*

14. _____ Representation of a right single quote character

15. Draw a diagram showing the DOM Tree structure for an XHTML document consisting of *head, body, title,* and *html* elements. Put those elements in their proper relationship to each other. Then add a heading followed by two paragraphs, a subheading, and then two more paragraphs in their proper places in that same tree. Answer here:

16. Write a CSS *rule* that will cause all paragraphs to have white text on a black background:

17. Write a CSS *rule* that will cause all elements with the *class* `important` to be displayed in italics:

18. Write a CSS *rule* that will cause all paragraphs that immediately follow a level 2 heading to have red text:

19. What *font family* is the text of this question written in?
    A. monospace
    B. serif
    C. sans-serif
    D. fantasy
    E. cursive

20. Which set lists the components of a CSS *box* in order from the inside to the outside?
    A. padding, border, content, margin
    B. margin, content, padding, border
    C. margin, content, border, padding
    D. content, padding, border, margin
    E. first, last, middle, in-between

21. Which box property would normally be used to put some space around text in a paragraph?
    A. padding
    B. border
    C. content
    D. spacing
    E. fill

22. Which box property would normally used to manage the space between boxes?

    A. margin

    B. padding

    C. border

    D. spacing

    E. fill

23. What does this CSS rule do: `#target { float:left; }`

    A. It takes the element with the id of *target* out of the normal flow of the web page, and moves it as far left as possible; element that follow it will flow around its right side.

    B. It causes the element with the id of *target* to be positioned on the right side of the web page, and the other elements will float around it on its left side.

    C. The element with the id of *target* will appear below any elements that have been floated to the left.

    D. The element with the id of *target* will appear above any elements that have been floated to the left.

    E. It will have no effect on the element with the id of *target* because you can only use the float property with selectors that are tag names.

24. What is the name for the color `#00F`?

    A. Yellow

    B. Black

    C. White

    D. Gray

    E. Blue

25. What is the hexadecimal representation of black?

    A. #0FF

    B. #F00

    C. #000

    D. #F0F

    E. #123

26. List the names of the two required attributes of the *img* element, and tell what each is used for:

27. Why do you have to do a case-sensitive link check on your site before you submit an assignment in this course?