CS134 Web Site Design & Development

Quiz1

Name: ________________________   Score: _____________________

Email: ________________________

I  Multiple Choice Questions (2 points each, total 20 points)

1. Which of the following is an example of an IP address?   [Answer:  d]
   a.  www.whitehouse.gov
   c.  .gov
   d.  216.43.187.162

2. When you are browsing the Web and viewing web pages, your computer is acting as a:   [Answer:  b]
   a.  telent
   b.  client
   c.  server
   d.  packet

3. On Internet, data is transmitted by ________________ using the Internet Protocol:   [Answer:  a]
   a.  packet switching
   b.  circuit switching
   c.  virtual circuit switching
   d.  combination of circuit switching and packet switching

4. Basic syntax for XHTML tags and attributes is:   [Answer:  d]
   a.  <tag attribute=value>   </tag>
   b.  <tag attribute=value>   <tag>
   c.  <tag attribute="value">   <tag>
   d.  <tag attribute="value">   </tag>

5. The XHTML code <a href="http://www.cs.pitt.edu/">CS Department at Pitt</a> will create a ________ to Pitt CS web page:   [Answer:  b]
   a.  internal link
   b.  external link
   c.  anchor
   d.  combination link
Questions 6 to 8 use the following example.

Example 1.
```html
.class1 {font-size: 14px}
p {text-indent:5%;}
.imgleft{
    position:relative;
    float:left;
    margin:20px 15px 20px 15px;
    padding:0px;
    border:5px solid silver;
}
```

6. A style sheet consists of a set of rules. Each rule consists of one or more selectors and a declaration block. In the Example 1, there is/are [Answer: d]
   a. no rule
   b. 1 rule
   c. 2 rules
   d. 3 rules

7. In the Example 1, “.class1” is a [Answer: a]
   a. selector
   b. rule
   c. declaration block
   d. attribute

8. In the Example 1, “text-indent” is a [Answer: b]
   a. attribute
   b. property
   c. stylesheet element
   d. value

9. In the example below
```html
<h1 style="color:white; background:orange; font-weight:bold;">This is my web page</h1>
```
The attribute “style” is used to create: [Answer: c]
   a. an internal style sheet
   b. an external style sheet
   c. a local style sheet
   d. none of the above

10. Given that (33)_{16} = (51)_{10}, (CC)_{16} = (204)_{10}, (FF)_{16} = (255)_{10}, the color value
**rgb(51, 204, 255) in RGB format is equal to the color value __________ in hexadecimal format**

a. #51CCFF
b. #33CCFF
c. #FFCC33
d. #FFCC51

II True or false questions (T for true, F for false; 2 points each, total 16 points)

1. Domain Name System (DNS) is a mapping between the human-readable name (domain name) of a host and its IP address.

   [Answer: T]

2. A browser is a software program which interprets the HTML documents and displays it on the user’s screen.

   [Answer: T]

3. A tag is an html code that is enclosed in angle brackets (<>), and it’s used to lay out the web page.

   [Answer: T]

4. In XHTML, only lowercase tags are allowed.

   [Answer: T]

5. In XHTML, tags should appear in pairs, and no overlapping tags are allowed.

   [Answer: T]

6. The following XHTML code will display nothing on the screen:

   <!-- abcdefghijklmnopqrstuvwxyz-->

   [Answer: T]

7. The following is a legitimate XHTML code:

   <em><h2>Bold and italic</h2></em>

   [Answer: F]

8. If we put the XHTML code `<link href="./myStyle.css" rel="stylesheet" type="text/css" />` in between the `<head>` and `</head>` tags of a web page, then this will tell the web page to use the “myStyle.css” as external stylesheet.

   [Answer: T]

III Fill in the blanks. (2 points each, total 28 points)

1. Explain the meaning of each part of the following URL:

   http://socrates.berkeley.edu/courses/history/hist181.html
http://socrates.berkeley.edu/courses/history/hist181.html

2. `<br />` tag is used for __________line break____________.

3. `<h1>` to `<h6>` tags are used for defining ___header___ text.

4. If a block of text is inserted between `<em>` and `</em>` tags, then that text will be displayed in __italic__; if they’re inserted between `<strong>` and `</strong>` tags, then that text will be displayed in ___bold____.

5. In the following XHTML code, the text “This paragraph introduces html attributes” is displayed in the browser when ___mouse is over the text “Welcome to my web page”__.

   `<p title="This paragraph introduces html attributes">Welcome to my web page</p>`

6. CSS is introduced in order to separate ___structure__ from ___content___.

7. The XHTML tag we use to create unordered list is __<ul>__.

8. The XHTML tag we use to create table header in a table is ___<th>____.

9. When we’re inserting an image in a web page, we use `<img>` tag in the following format:

   `<img src="value1" alt="value2" />`

   In the above format, `value1` is the _alternative text_ of the image we want to insert, and `value2` is the _______path_______ of the image.

**IV  Writing code (36points total)**

Write the XHTML source code for the web page in Picture 1. The following information is given to you:

20 pixel padding
6 pixel border with color #9DACBF
Welcome to my web page!

About Me

My name is Mehmud Abliz, I am a graduate student at computer science department of University of Pittsburgh.

My Address

Room 6150, Sennott Square
University of Pittsburgh
Pittsburgh, PA 15260

My Favorite Songs

- November Rain - Guns and Roses
- Nothing Else Matters - Metallica
- Come As You Are - Nirvana

My Courses

I'm taking Visual Languages, Network Security, and Independent Study this semester.
<h1>Mehmud Abliz</h1>

<h2>Welcome to my web page!</h2>

<h3>About Me</h3>
<p>My name is Mehmud Abliz, I am a graduate student at computer science department of University of Pittsburgh.</p>

<h3>My Address</h3>
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