1 Advanced Web Designing

Exercise

Q 1. Fill in the blanks.

1. The………………element is a staring element in an HTML, it indicates that document type definition being used by the document. <!DOCTYPE html>

2. The…<meta>…. is a tag in html that describe some aspects of contents of a webpage.

3. The <ol> tag defines an…Ordered List

4. An unordered list is created using the…<ul>….. tag.

5. The…<iframe>…element creates an inline frame.

6. …<video>….tag is used to specify video on an HTML document.

7. If a web developer wants to add the description to an image he must use ….alt…. attribute of <img> tag.

8. The…Position… property is used to set position for an element.

9. The float property defines the…Flow…..of content.

10. …Absolute position…is used with elements that overlap with each other.

Q2. State whether the following statement is True or False.

1. HTML is an Object Oriented Programming Language. (False)

2. Charset is used for character encoding declaration. (True)

3. An unordered list can be numerical or alphabetical.(False)

4. Multilevel list can be created in HTML 5. (True)

5. Srccode specifies the HTML content of the page to show in the <iframe> (True)

6. The 'controls' attribute is not used to add play, pause, and volume. (False)

7. .cs is the extension of CSS file (False)

Q.3. Choose Single correct answer from the given options.

1. …………………element used to create a linking image.
   a) <img>   b) <td>
   c) <map>   d) <usemap>

2. The ……………tag is used to embed audio files on Webpages.
   a) <sound>   b) <audio>
   c) <video>   d) <embeded>

3. A programmer wants to define range for age between 18 to 50, he will use a form with following appropriate control.

a) number   b) compare

<u>c) range</u>   d) Textboxes

4. ……….character is used to create id in CSS.

a) %   b) $

c) @   <u>d) #</u>

Q 4. Choose Two correct answers from the given options.

1. List within another list either…order….list or…unordered….list is called nested list.

a) multilevel b) order

c) unordered d) general

e) cascading

2. Image maps are of two types …Client Side…and …Server Side…

a) Network side

b) Client Side

c) Computer side

d) Server Side

e) n-compting

3. A CSS rule set contains…selector…. and.…declaration………............

a) Set   b) selector

c) post

d) declaration e) < >

4. Client-side image map can be created using two elements …<area>…… and…<map>…

a) <area> b) <image>

c) <usemap> d) <map>

e) <server>

Q.5. Choose Three correct answers from the given options.

1. Attributes of <area> tag is…href, coords, alt…..

a) href   b) src

c) coords   d) data

e) alt   f) usemap

2. Attributes used with iframe are…srcdoc, name, src…

a) srcdoc   b) name

c) att   d) src

e) href   f) loop

3. Following are the Form controls…email , search, tel……………

a) email   b) search

c) label   d) video

e) tel   f) audio

4. Attributes used with <audio> tag…autoplay, controls, loop…

a) autoplay b) href

c) controls d) cntrl

e) loop   f) bgsound

5. CSS types are ……internal………,
   ……external…… and……inline…………

   a) internal   b) external

   c) control   d) inline

   e) loop   f) style

6. Positioning types in CSS are……Static, fixed, absolute……

   a) Static   b) fixed

   c) absolute   d)position

   e) dynamic   f) nested

7. Types of floating properties are……left, right, zero……,…………..

   a) left   b) zero

   c) right   d) all

   e) none   f) dock

Q. 6. Match the pair

A	B
1)	a) Client side image map
2) usemap	b) CSS Property
3) color	c) bulleted list
4) <Img>	d) Image as a submit button
5) <Input type =image>	e) inserts an image

Q.7. Programs.

1) Write a program using html with following CSS specification-

    1. The background colour of the company name should be in green.

    2. The text colour of the company name should be red.

    3. The heading should be large with font "comic sans ms"

    4. The description of the company should be displayed in blue color in a paragraph.

Answer:-

Note: In this question, They had not mentioned that which css use.

Like internal css, inline css or external css.

So here we can use any of them. Then inline css is most easy type of css.

Here we will create this program using Inline CSS.

Program :

```
<!DOCTYPE html>
<html>
<head>
   <title></title>
</head>
<body>
   <h1 style="font-family: comic sans ms;">This is large Heading with font "comic sans ms"</h1>
   <p style="background-color: green; color: red">Company Name : XYZ Corporate Company</p>
   <p style="color: blue "    >Description : Write any description you want here</p>
</body>
</html>
```

Output:

This is large Heading with font "comic sans ms"

Company Name : XYZ Corporate Company

Description : Write any description you want here

2) Write Html5 code with CSS as follows-

   1. To create form to accept name,age, email address, from the user.

   2. Create a submit button to send the data.

   3. The heading of the form should have a background colour and a different font style.

Answer:-

Program :

```html
<!DOCTYPE html>
<html>
<head>
   <title></title>
</head>
<body>

<h1 style="background-color: red; font-family: cursive;">Form Heading</h1>
<form>
   name : <input type="text" name="name"><br><br>
   email : <input type="text" name="email"><br><br>
   Age   :
   <input type="radio" name="male" value="m">Male
   <input type="radio" name="female" value="f">Female<br><br>
   <input type="submit" name="submit" value="submit">

</form>
</body>
</html>
```

Output:

3) Write Html5 code with CSS as follows-

    1. Create ordered list with names of tourist Cities.

    2. Create unordered list with tourist places of those cities.

    3. Divide the list into two sections left and right by using CSS.

```html
<!DOCTYPE html>
<html>
<head>
   <title></title>
   <style type="text/css">
{
  box-sizing: border-box;
}

div {
  display:inline-block;
  vertical-align: top;
  width: 40%;
  padding:1rem;
}

.left-half {
  background: #ff9e2c;
}

.right-half {
  background: #b6701e;
}
</style>

</head>
<body>

<div class="left-half">
<p>tourist Cities</p>
<ol>
<li>Mumbai</li>
<li>Delhi</li>
<li>Gujrat</li>
<li>Punjab</li>
</ol>
</div>

<div class="right-half">
<p>tourist Cities</p>
<ol>
<li>Mumbai</li>
<li>Delhi</li>
<li>Gujrat</li>
<li>Punjab</li>
</ol>
</div>

</body>
</html>
```

tourist Cities

1. Mumbai
2. Delhi
3. Gujrat
4. Punjab

tourist Cities

1. Mumbai
2. Delhi
3. Gujrat
4. Punjab

What are the uses of <P>, <B>, <br> and <mark> tags?

Answer:-

(1) <P> Tag :

Meaning : The <p> tag defines a paragraph. It is a block-level element and always starts on a new line. The <p> tag comes in pairs which is opening and closing tag.

Syntax   : <p>...... content (Elements).......</p>

Example :

```
<!DOCTYPE html>
<html>
<head>
<title>Title of the document</title>
</head>
<body>
<p>This is a paragraph</p>
</body>
</html>
```

(2) <B> Tag :

Meaning : The tag specifies bold text without any extra importance.

Syntax   : ...... content (Elements).......

Example :

```
<!DOCTYPE html>
<html>
<body>
<h1>The b element</h1>
<p>This is normal text - <b>and this is bold text</b>.</p>
</body>
</html>
```

(3) <B> Tag :

Meaning :
 tag is used to break line. The <br> tag inserts a single line break. The <br> tag is an empty tag which means that it has no end tag.

Syntax   :
  (Only have opening tag)

Example :

```
<!DOCTYPE html>
<html>
<body>
<h1>The br element</h1>
<p>To force<br> line breaks<br> in a text,<br> use the br<br> element.</p>
</body>
</html>
```

(4) <Mark> Tag :

Meaning : The <mark> tag defines marked text. <mark> tag is used to highlight the specific word or sentence.

Syntax   : <mark>...... content (Elements).......</mark>

Example :

```
<!DOCTYPE html>
<html>
<body>
<h1>The mark element</h1>
<p>Do not forget to buy <mark>milk</mark> today.</p>
</body>
</html>
```

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