HTML AND CSS MOCK TEST

1.What is HTML?

- Html is a Hyper Text MarkUp Language and is used to create webpage Structures.

2.What is the difference between HTML and HTML5?

-HTML

Before it doesn't have semantiTags ,styles,multimedia Tags

-HTML5

Introduced shortcut for longurl to short

Introduced multimedia Tags

Introduced semantic tags

3.What are semantic HTML elements?

-semantic: It means which gives meaning to the structure.

Ex: footer,header,article,etc.....

4.What is the role of <!DOCTYPE html> in HTML?

-It shows which type of version we have using and gives the short path for search engines .

5.What is the difference between block-level and inline elements?

Block-level

-It always start from new line

-It occupies entire row.

Inline Elements:

-It doesn't starts from new line.

-It takes howmuch space it needed.

-it allows another element to occupy next space

6.How is <div> different from <span>?

<div> : It is a block level Element

It is used for sections.

<span>; it is inline element

It is used for little styling purpose

Comparing both using span div element allows to occupy the next space

7.What are the different types of lists in HTML?

-There are three types of list in Html

1.ordered list : it is used to write the data in ordered way.it is in the form of numbers,Alphabets, Roman Numbers.

Syntax:

2.unordered list : : it is used to write the data in unordered way.it is in the form of bullets,disc etc...

Syntax:

3.definition list : It is used write the data in question and answer form

 Syntax: <dl>

               <dt></dt>

               <dd></dd>

           </dl>

8.How do you create a hyperlink in HTML?

-By using anchor tag

9.What are Core components in HTML? Explain each component briefly?

-The core components are Tags,elements,attributes in HTML.

Tags :

Tags are two types paired tags and self closing tags

Or semantic tags and non semantic tags

Paired tags ex ; header,footer,body,html,head,div,span

Self closing tags ex ; img , a, etc..

Elements :

The data which we written In between opening and closing tags

Elements are two types blocklevel and inline elements

Block-level

-It always start from new line

-It occupies entire row.

Inline Elements:

-It doesn't starts from new line.

-It takes howmuch space it needed.

-it allows another element to occupy next space.

Attributes ; Which gives extra information to the tags

 These are two types

Global Attributes; the attributes we can use to any tag like type...

Element specific Attributes;only for specific elements ex href for a,src for img......

10.what are the concepts involved in multimedia?

The concepts are audio,video,image,iframe,

11.What are the different types of form elements in HTML?

```
 <form>
    <label for="name">First name:</label>
    <input type="text" id="name" name="firstname" placeholder="Enter your name">
    <label for="password">password:</label>
    <input type="password" id="password" name="password placeholder="password">
```

```
    <input type="email" name="Email" placeholder="email">

    <input type="number" name="age"  placeholder="enter your age">

    <input type="tel" maxlength="10" minlength="10">

    <input type="date" name="date">

    <input type="time" name="time">

    <input type="month" name="month">

    <input type="checkbox" value="html" id="html" name="course">

    <label for="html">html</label>

    <input type="checkbox" value="css" id="css" name="course">

    <input type="radio" id="male" name="gender">

    <label for="male">male</label>

     <input type="radio" id="female" name="gender">

    <label for="female">female</label>

    <input type="submit">
</form>
```

12.What is CSS and what are its types?

Css -Cascading style Sheets which gives beautiful designing to the webpage

CSS are in three types :

1.Inline css

2.internal css

3.External Css

13.What is the difference between class and id selectors in CSS?

Class selector ; It is represented with (.)

                        It styles all the elements targeted by the class

Id selectors : ; It is represented with (#)

                        It styles only one element which is targeted and we cannot give same ids and it will be unique.

14.What are the different ways to apply CSS to a web page?

We can apply in three types

   1.inline css   (style="" inside an element)

   2.internal css (<style> block in the <head>)

   3.external css (linked .css file)

   INLINE CSS-which is written in opening tag of html element using style attribute.{most priority}.

   internal css-which is written head section by using selectors by taking style as a element.

   external css-which is used to write in external page {more preferable}.

15.What is the Box Model in CSS?

By taking a content basically some elements have boxmodel properties by default

Like content padding border margin …

16.Explain about different types of positions in CSS?

There are five types

1.static

2.relative

3.Absolute

4.fixed

5.sticky

17.How does z-index work in CSS?

By using Z-index we can see particular element above by increasing values.

18.What is the difference between visibility: hidden and display: none?

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Section-2

1.Write the HTML code for the given table?