Mock Test-1

1.What is HTML?

A.HTML(hyper text markup language) is to creates the structure of the web page.Using the elements like header, body,footer,paragraph,headings so on.

2.What is the difference between HTML and HTML5?

A.HTML is the oldest version .It has only web documents. In html 4 we use the plugins.

HTML5 is the latest version with new semantic tags <article>, <section>, etc.HTML5 supports audio, video, without plugins.

3.What are semantic HTML elements?

A. Elements that clearly describe their meaning to the browser and developer e.g.<header> <article>, <section>, <nav>, <footer>.

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

A. It's tell to the user ,it is an html document.

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

A. Block-level elements: It is occupies the entire Width of the row, and it will starts from the new line. e.g.<div>, <p>.

   Inline: It takes only required width.it will starts in the line also . e.g., <span>, <a>.

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

A. <div> is a block level element. It is used in the layout of the web.

   <span> is a inline element. It used for small styles and text.

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

A. order-lists:

Unorder-lists :

Definition -lists: <dl>

                        <dt></dt>

                        <dd></dd>

                  </dl>

8.How do you create a hyperlink in HTML?

A. using anchor tag.

 Ex: Html

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

A. Tags: It is build the blocks of an html document.

Ex:<p>,<a>,<div> etc.

Elements: It is between the <opening tag> and </closing tag> inside content is elements.

Ex:<p>hello yogi</p>

Attributes: It provides extra information to the html document.

Ex: style=display; src="",href="".

10.what are the concepts involved in multimedia?

A. anchor links<a>,images<img>,audio<audio>, videos<video>, iframes <iframes>.

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

A. <input>, <textarea>, <select>, <button>, <label>, <fieldset>.

 12.What is CSS and what are its types?

A.CSS(cascading style sheets).styles to the html page.

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

A. Class: it is reuseable(ex: .container , .content).it denote(.).

  Id: it is unique (ex: #page).its denotes(#).

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

A. Inline css:write inside the tags.

   Internal css: write in the <style> tag.

  External css: write in the css document.

 15.What is the Box Model in CSS?

A. Content, padding, border, margin.

 16.Explain about different types of positions in CSS?

A. static , relative , absolute, fixed, sticky.

17.How does z-index work in CSS?

A. Higher z-index appears above lower ones. It only in positions.

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

A. visibility: hidden: Element is disappeared and   space is reserved.

display: none: Element is removed from the layout .

19.How do media queries work in responsive web design?

A.

20.what is animation in CSS? Write syntax for animation?

A.

Section -B(Coding):

1.Write the HTML code for the given table?

A.

```
  <!DOCTYPE html>
 <html lang="en">
 <head>
        <meta charset="UTF-08">
        <meta name="viewport"  width="device-width, initial-scale:"1.0">
</head>
  <body>
<h1>Timetable</h1>
      <table  border="1" cellspacing="0" cellpadding="10">


       <tr >
         <th colspan=6>Timetable</th>
        </tr>
       <tr>
         <th rowspan=6>hours</th>
        <th> Mon</th>
        <th>Tue </th>
        <th> Wed</th>
        <th>Thu/th>
        <th>Fri</th>
     </tr>
    <tr>
    <td>science</td>
```

```
<td> maths</td>
 <td>science</td>
<td> maths</td>
<td>arts</td>
</tr>
  <tr>
  <td>science</td>
<td> maths</td>
 <td>science</td>
<td> maths</td>
<td>arts</td>
</tr>
  <tr>
  <td colspan=5>Lunch</td>
</tr>
  <tr>
  <td>science</td>
<td> maths</td>
 <td>science</td>
<td> maths</td>
<td rowspan=2>Project</td>
</tr>
  <tr>
  <td>science</td>
<td> maths</td>
 <td>science</td>
```

```
<td> maths</td>

</tr>

</table>

</body>

</html>
```

2.Write the HTML code for the given form?

A. <!DOCTYPE html>

```
  <html lang="en">

  <head>

          <meta charset="UTF-08">

          <meta name="viewport"  width="device-width, initial-scale:"1.0">

</head>

  <body>

 <form method="post">

   <fieldset>

   <legend style="background-color: red;"></legend>

  <label for="number">Roll no:</label>

  <input type="number" id="number" name="roll no" ><br><br>

<label for="name">Student Name:</label>

  <input type="text" id="name" name="name" placeholder="Enter your name"
><br><br>

<label for="name">Father Name:</label>

 <input type="text" id="name" name="name" ><br><br>

<label for="dob">Date of Birth:</label>

<input type="date" id="dob" name="dob"><br><br>

 <label for="mobile">Mobile no:</label>
```

```
<input type="number" id="mobile" name="mobile" minlength="10" maxlength="10"><br><br>

 <label for="e-mail">E-mail -id:</label>

  <input type="email" id="e-mail" name="E-mail" placeholder="Eg:yogi@gamil.com" ><br><br>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password" required minlength="5" maxlength="10"><br><br>

   <label for="gender">Gender:</label>

  <input type="radio" name="gender" value="male"> Male

  <input type="radio" name="gender" value="female"> Female<br><br>

<label for="department">Department:</label>

<label for="Cse">CSE</label>

<input type="checkbox" id="Cse" value="CSE">

<label for="IT">IT</label>

<input type="checkbox" id="IT" value="IT"><br><br>

<label for="ECE">ECE</label>

<input type="checkbox" id="ECE" value="ECE"><br><br>

<label for="civil">CIVIL</label>

<input type="checkbox" id="civil" value="CIVIL"><br><br>

<label for="name">Course:</label>

 <input type="text" id="name" name="name" placeholder="Select the course" ><br><br>

<textarea name="Address" ></textarea><br><br>


 <input type="submit" value="register">

</form>
```

```html
</body>

</html>
```