



3.01.2026

SAT Test - 1

1. What are the semantic elements explain with example:

Ans: Semantic elements are HTML tags that clearly describe their meaning to the browser and developer. It improves SEO.

Semantic elements:

<header>, <nav>, <main>, <section>, <article>, <aside>, <footer>.

Example:-

<header>

<h1> My Sample Web page </h1>

<header>

<nav>

 Home

 about

 My profile

<nav>

<section>

<article>

<h2> Notes : </h2>

<p> HTML stands for Hyper Text Markup Language </p>

</article>

<section>

<footer> <p> copyright @ 2025 | by Google </p> </footer>

2). Explain types of List with example in HTML?

- * HTML have three types of List there are:
 - * Ordered List
 - * Unordered List
 - * Description List

Example:-

```
<!DOCTYPE html>
<html>
<head>
    <title> day 7 task </title>
<head>
<body>
    <strong> Ordered List </strong>
    <ol>
        <li> HTML </li>
        <li> CSS </li>
        <li> Java script </li>
    </ol>
    <hr>
    <strong> Unordered List </strong>
    <ul>
        <li> Banana </li>
        <li> Apple </li>
        <li> orange </li>
    </ul>
    <hr>
    <strong> Description List </strong>
    <dl>
        <dt> HTML </dt>
        <dd> It is used for web pages </dd>
    </dl>
</body>
</html>
```



3) Different types of HTML `<input>` elements explain with example?

* HTML input elements are used for getting input from the user.

Types:

- | | |
|-------------|---------------------|
| 1. button | 11. url |
| 2. checkbox | 12. date-time-local |
| 3. color | 13. file |
| 4. number | 14. image |
| 5. Email | 15. month |
| 6. Password | 16. radio |
| 7. reset | |
| 8. reSubmit | |
| 9. Date | |
| 10. Text | |

Example:

`<h1> Login Form </h1>`

`<input type = "text" placeholder = "Name" />`

`<label for = "text"> Name </label>`

`<label for = "Email"> Email </label>`

`<input type = "Email", placeholder = "Enter your Name" />`

`<label for = "number"> Phone number </label>`

`<input type = "number", placeholder = "Enter your mobile.no" />`

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

`<input type = "password", placeholder = "Enter your password" />`

`<label for = "Submit"> Submit </label>`

`<input type = "Submit" />`

4) Explain Table with all attribute with example?

* Tables are used for display the data in rows and columns.

* Table Tags are `<table>`, `<tr>`, `<th>`, `<td>`

* Attributes are:

* border, cellpadding, cellspacing, rowspan, and colspan.

Example:-

```
<!DOCTYPE.html>
```

```
<html>
```

```
<head>
```

```
<title> Table </title>
```

```
<head>
```

```
<body> <table border="1" cellpadding="10" cellspacing="0">
```

```
<caption> Student detail </caption>
```

```
<tr>
```

```
<th> Name </th>
```

```
<th> Register Number </th>
```

```
<th> Department </th>
```

```
<th> Section </th>
```

```
<tr>
```

```
<td> Selva </td>
```

```
<td> 620822243096 </td>
```

```
<td> CSE </td>
```

```
<td> A </td>
```

```
</tr>
```

```
<tr> <td> Mahi </td>
```

```
<td> 620822243053 </td>
```

```
<td> AI </td>
```

```
<td> B </td>
```

```
</tr>
```

```
</body>
```

```
</html>
```



5) Explain Block and Inline Elements:

* Block Elements:

* start on new line, and its take full width.

Example: `<div><p><h1>`

`<div> This is block element </div>`

* Inline Elements:

& it will stay in a same line, and its

take only required width.

Examples: `, <a>, `

` Home `

Example with program:

`<div>`

`<h1> Sample web page </h1>`

`<p> its about thempark feedback </p>`

`<div>`

`<div>`

``

` Gallery `

`</div>`

b) Create few samples for Div Tag using different display property (float, inline-block, flex, grid).

1) float:

```
<div style="float:left; width:100px;"> Box 1 </div>
```

```
<div style="float:left; width:100px;"> Box 2 </div>
```

2) inline-block:

```
<div style="display:inline-block; width:100px;">
```

```
Box </div>      inline-block will overlap
```

3) flex:

```
<div style="display:flex;">
```

```
<div> Item 1 </div>
```

```
<div> Item 2 </div>
```

```
</div>
```

A) Grid:

```
<div style="display:grid;">
```

```
<div> Grid 1 </div>
```

```
<div> Grid 2 </div>
```

```
</div>
```



7) Create a Registration form with example:

```
<!DOCTYPE html>
<html>
<head>
    <title> Registration form </title>
</head>
<body>
    <h1> Registration - Form </h1>
    <form>
        <label for="name"> name </label>
        <input type="text" placeholder="Enter your Name" required>
        <br>
        <label for="Email"> Email </label>
        <input type="email" placeholder="Enter your Email" required>
        <br>
        <label for="number"> Mobile no: </label>
        <input type="number" placeholder="Enter Mobile no." required>
        <br>
        <label for="Password"> Password : </label>
        <input type="password" required>
        <br>
        <label> submit </label>
        <input type="submit" value="Register" />
    </form>
</body>
</html>
```

8) Explain input attribute with example:

input attributes:

- * type
- * name
- * value
- * placeholder
- * Required
- * readonly
- * maxlength
- * disabled
- * checked

Example:

<input type = "text">

<input type = "password">

<input type = "text" name = "username">

<input type = "text" value = "Selva">

<input type = "text" Placeholder = "Enter your name">

<input type = "email" required>

<input type = "text" value = "Tamilnadu" readonly>

<input type = "text" disabled>

<input type = "text" maxlength = "20">

<input type = "number" min = "18" max = "60">

<input type = "checkbox" checked>



Q) Explain meta data within an HTML document.

* Meta data gives information about the webpage. not visible to users.

* It will be written in inside the head tag.

Example:

<head>

<meta charset="UTF-8">

<meta name="description" content="HTML Tags">

<meta name="author" content="S elva">

</head>

10) Explain all attributes of image & link with examples:

image attributes:

* src

* alt

* width

* height

* title.

example :

```
<img src = "image1.jpg" alt = "Mountain" width = "200"  
height = "100">
```

link attributes:

- * href

- * target

- * title

Example:

```
<a href = "https://google.com" target = "-blank">
```

Google

```
<a href = "index.htm" target = "-blank">
```

My Profile