

Quiz 1

Section: BSE-6A

1. **Which of the following is NOT a semantic HTML tag?**
 - a) <article>
 - b) <div>
 - c) <section>
 - d) <header>
2. **How can you make a numbered list?**
 - a) <list>
 - b)
 - c) <dl>
 - d)
3. **Which CSS property is used to add space inside an element, between the content and the border?**
 - a) margin
 - b) padding
 - c) border-spacing
 - d) outline
4. **What will position: absolute; do to an element?**
 - a) It positions the element relative to its nearest positioned ancestor.
 - b) It sticks the element to the viewport.
 - c) It positions the element based on the normal document flow.
 - d) It keeps the element at the top of the page.
5. **What is the purpose of @keyframes in CSS?**
 - a) To define a transition effect
 - b) To set media queries
 - c) To define animations
 - d) To set a flex container
6. Explain the difference between <div> and .

7. Write the HTML and CSS code for creating the table below:

Name	Jill
Courses	Web
	SDA

Quiz 1

Section: BSE-6B

1. **Which HTML tag is used to embed a YouTube video?**
 - a) <video>
 - b) <media>
 - c) <iframe>
 - d) <embed>
2. **The default position of an HTML element in CSS is:**
 - a) relative
 - b) absolute
 - c) static
 - d) fixed
3. **What does the colspan attribute do in a <table>?**
 - a) Merges two rows
 - b) Merges two columns
 - c) Adds a column background color
 - d) Centers table content
4. **What does display: flex; do in CSS?**
 - a) Makes the element float to the left
 - b) Aligns elements in a row or column
 - c) Centers text within an element
 - d) Hides the element
5. **Which of the following media query condition applies when the screen width is less than 600px?**
 - a) @media (max-width: 600px)
 - b) @media (min-width: 600px)
 - c) @media (width: 600px)
 - d) @media (screen-width < 600px)
6. Write the CSS to change the background color of a button when hovered.

7. Write the HTML code for the form with an input field with value, input field for "Email" and a submit button as shown below:

Name:

Email:

Quiz 1

Section: BSE-6C

1. **Which CSS property is used to create an underline effect on text?**
 - a) text-style
 - b) text-decoration
 - c) text-underline
 - d) font-weight
2. **How do you make an element slowly fade in when loaded?**
 - a) Using display: block;
 - b) Using animation: fadeIn 2s;
 - c) Using transition: fade 2s;
 - d) Using opacity: 0;
3. **Which CSS property is used to move an element from its normal position without affecting other elements?**
 - a) position: fixed;
 - b) position: relative;
 - c) position: absolute;
 - d) position: static;
4. **What is the correct HTML for inserting an image?**
 - a) <image src="image.gif" alt="MyImage">
 - b) image.gif
 - c)
 - d)
5. **What is the purpose of the <head> tag in HTML?**
 - a) It contains the main content of the webpage
 - b) It defines a section inside a <div>
 - c) It includes metadata and links to styles/scripts
 - d) It is used to specify a header for a document or section
6. What is the CSS Box Model and what are its 4 parts?

7. Write the HTML and CSS code for creating the table below:

Id	Name		Age
1	John	Doe	30

SOLUTION

Section A:

MCQs: B,B,B,A,C

Q6: 2 marks –A div element is used for **block**-level organization and styling of page elements, whereas a span element is used for **inline** organization and styling

Q7: 1 mark structure,1 css, 1 rowspan

```
<html>
<head>
<style>
table, th, td {
  border: 1px solid black;
  text-align:center
}
</style>
</head>
<body>

<table style="width:30%">
  <tr>
    <th>Name</th>
    <td>Jill</td>
  </tr>
  <tr>
    <th rowspan="2">Courses</th>
    <td>Web</td>
  </tr>
  <tr>
    <td>SDA</td>
  </tr>
</table>
</body>
</html>
```

Section B:

MCQs: C,c,b,b,a

Q6: button:hover { background-color:red}

Q7: Label + structure (br tags) 1.5 marks ,value 1 (placeholder 0.5) ,button/input type 0.5

```
<form>
  <label for="name">Name:</label><br>
  <input type="text" id="name" name="fname" value="John"><br>
  <label for="email">Email:</label><br>
  <input type="text" id="email"><br><br>
  <input type="submit" value="Submit">
</form>
```

Section C:

MCQs: B,b,b,c,c

2 marks- The **CSS Box Model** represents how an element is structured and spaced on a webpage. It consists of **four parts**:

1. **Content** – The actual content inside the element (text, image, etc.).
2. **Padding** – The space between the content and the border.
3. **Border** – The edge surrounding the padding (can have styles like solid, dashed, etc.).
4. **Margin** – The space outside the border, separating it from other elements.

Solution:

1 for structure, 1 for colspan, 0.5 border+ 0.5 border-collapse

```
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
    text-align:center
}
</style>
</head>
<body>
<table style="width:20%">
    <tr>
        <th>Id</th>
        <th colspan="2">Name</th>
        <th>Age</th>
    </tr>
    <tr>
        <td>1</td>
        <td>John</td>
        <td>Doe</td>
        <td>30</td>
    </tr>
</table>
</body>
</html>
```