Quiz 01 - Solution

Quiz 01 – Version A (Web Programming)

Part A: Multiple Choice Questions

1. Which of the following is NOT a semantic HTML tag?

   Answer: **b)** `<div>`

2. How can you make a numbered list?

   Answer: **b)** `<ol>`

3. Which CSS property is used to add space inside an element, between the content and the border?

   Answer: **b) padding**

4. What will `position: absolute;` do to an element?

   Answer: **a) It positions the element relative to its nearest positioned ancestor.**

5. What is the purpose of `@keyframes` in CSS?

   Answer: **c) To define animations**

Part B: Short Questions

Question no 1: Difference between inline elements and block-level elements in HTML (with examples):

- **Inline elements**: Do not start on a new line and take only as much width as necessary.

  Example: `<span>`

- **Block-level elements**: Start on a new line and take up the full width available.

  Example: `<div>` or `<p>`

Question no 2:

```
table, th, td {
    border: 1px solid black;
    text-align: center;
}
<table>
    <tr>
        <th colspan="2">Name</th>
        <td>Jill</td>
    </tr>
    <tr>
        <th rowspan="2" colspan="2">Courses</th>
        <td>Web</td>
    </tr>
    <tr>
        <td>SDA</td>
    </tr>
</table>
```

Quiz 01 – Version B (Web Programming)

Part A: Multiple Choice Questions

1. Which HTML tag is used to embed a YouTube video on a webpage?

   Answer: **c)** `<iframe>`

2. What is the default CSS position of an HTML element?

   Answer: **c) static**

3. In an HTML `<table>`, what does the `colspan` attribute do?

   Answer: **b) Merges two columns**

4. What does `display: flex;` do in CSS?

   Answer: **b) Aligns elements in a row or column**

5. Which media query condition applies when the screen width is less than 600px?

   Answer: **a) @media (max-width: 600px)**

Part B: Short Questions

1. CSS Grid code to divide a container into three equal-width columns:

```css
.container {
  display: grid;
  grid-template-columns: 1fr 1fr 1fr;
}
```

Question no 2:

```css
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
    text-align: center;
}
<table>
    <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>
```