**(1) What are the default Bootstrap text Settings ?**

i Responsive Design: Ensures your site looks good on any device.

II Consistency: Pre-styled components for a cohesive look.

III Customization: Easily tweak styles to match your brand.

IV Cross-browser Compatibility: Works well on all browsers.

VFaster Development: Ready-to-use components speed up building.

VI Community Support: Large community for help and resources.

VII Accessibility: Designed for easy use by everyone.

VIII Documentation: Clear guides for easy learning and use.

**(2) What is a Bootstrap Container, and how does it work?**

A Bootstrap container is like a box that holds your webpage's content. It keeps everything organized and centered, with a fixed width so it looks good on all screen sizes. It also helps create space around your content for a neat appearance.

**(3) What are the default Bootstrap text settings?**

I-Font Size:

\* Default font size: 16 pixels.

\* Headings have predefined font sizes, ranging from h1 (largest) to h6 (smallest).

II- Font Family:

\* Default font family: Helvetica Neue, Helvetica, Arial, sans-serif.

III -Line Height:

**\*** Default line height: 1.5 (150%).

IV - Font Weight:

**\*** Default font weight: Normal (400).

**(4) What do you know about the Bootstrap Grid System?**

The Bootstrap Grid System is a layout system with 12 columns that helps create responsive designs. You can use predefined classes to organize content into rows and columns, making it adapt well to different screen sizes. It's easy to use and allows for nested columns, offsets, and margins to customize layouts.

**(5) What is the difference between Bootstrap 4 and Bootstrap 5 ?**

I -No jQuery: It dropped jQuery, making it faster.

II -Vanilla JavaScript: It switched to vanilla JavaScript for components.

III-Utility-First: Allows for quick styling with utility classes.

IV- New Components: Added new components like accordion.

V -Responsive Fonts: Text adjusts size based on screen.

VI -Customizable: More options for colors and sizing.

VII -Improved Documentation: Clearer guides for developers.

**(6) What is a Button Group, and what is the class for a basic Button Group ?**

In Bootstrap, a Button Group is a way to group buttons together. You use the class btn-group to do this. For example:

<div class="btn-group">

<button class="btn btn-primary">Button 1</button>

<button class="btn btn-primary">Button 2</button>

<button class="btn btn-primary">Button 3</button>

</div>

**(7) How can you use Bootstrap to make thumbnails?**

To make thumbnails in Bootstrap, just use the .thumbnail class and wrap your image and content inside it. Here's a simple example:

<div class="thumbnail">

<img src="image.jpg" alt="Thumbnail Image">

<div class="caption">

<h3>Thumbnail Label</h3>

<p>Description</p>

</div>

</div>

Repeat this structure for each thumbnail you want to create, adjusting the image source and content as needed.

**(8) In Bootstrap 4, what is flexbox?**

In Bootstrap 4, Flexbox is a layout model that helps you create flexible and responsive web layouts. It makes it easier to align and distribute elements within a container, allowing for more intuitive and dynamic designs.

**(9) How can one create an alert in Bootstrap?**

To create an alert in Bootstrap, use the `.alert` class. Here's a quick example:

html

<div class="alert alert-primary" role="alert">

This is a primary alert!

</div>

Just replace `alert-primary` with other contextual classes like `alert-success`, `alert-info`, `alert-warning`, or `alert-danger` to change the appearance.

**(10) What is a bootstrap card and how would you create one ?**

A Bootstrap card is a container for content like text, images, and buttons. To create one, use the `.card` class and its related components. Here's a basic example:

html

<div class="card">

<img src="..." class="card-img-top" alt="...">

<div class="card-body">

<h5 class="card-title">Card title</h5>

<p class="card-text">Some text here.</p>

<a href="#" class="btn btn-primary">Button</a>

</div>

</div>

This code creates a card with an image, title, text, and a button. You can easily customize it by adding or removing components and adjusting the classes.