Q.1 What are the advantages of Bootstrap?

Ans : Consistent Designs, Access to Support, Fast Development, Responsive Business Actions with a Grid System, Customizable Expansion, Loaded JavaScript Components,Easy to Integrate.

Q.2 What is a Bootstrap Container, and how does it work?

Ans : **Bootstrap Containers** are the most basic layout element in Bootstrap. Bootstrap **Containers**are very essential and basic building blocks of bootstrap that wrap a page’s content. It’s responsible for setting and aligning content within it according to viewport or given device. Containers are defined within the container class **(.container)**.

Q.3 What are the default Bootstrap text settings?

Ans : Bootstrap 4 uses a default font-size of 16px, and its line-height is 1.5. The default font-family is "Helvetica Neue", Helvetica, Arial, sans-serif.

Q.4 What do you know about the Bootstrap Grid System?

Ans : Bootstrap Grid System allows up to 12 columns across the page. You can use each of them individually or merge them together for wider columns. You can use all combinations of values summing up to 12. You can use 12 columns each of width 1, or use 4 columns each of width 3 or any other combination.

Q.5 What is the difference between Bootstrap 4 and Bootstrap 5?

Ans :

| BOOTSTRAP 4 | BOOTSTRAP 5 |
| --- | --- |
| It has 5 tier (xs, sm, md, lg, xl). | It has 6 tier (xs, sm, md, lg, xl, xxl). |
| It has limited colors. | Extra colors added with the looks, A card improved color palette. there are various shades available to choose. |
| Bootstrap 4 supports both IE 10 and 11. | Bootstrap 5 doesn’t support IE 10 and 11. |
| Radio buttons, checkboxes have different look in different OS and browsers. The form uses whatever default browsers provide. | The look of form elements will not change, on different OS or browser. The forms can be customized and form controls can be added, they would not depend on browser. |
| We cannot modify utilities in bootstrap 4 | Bootstrap 5 gave freedom to modify and also create our own utility |
| Bootstrap 4 doesn’t have its own SVG icons, we have to use font-awesome for icons. | Bootstrap 5 have its own SVG icons |
| We have inline-block property and we will get white dropdown as default for dropdown-menu-dark class. | Inline-block property is removed and we will get black dropdown as default for dropdown-menu-dark class. |

Q.6 What is a Button Group, and what is the class for a basic Button Group?

Ans : Button Groups” in [Bootstrap](https://www.geeksforgeeks.org/bootstrap/) is a class of name “btn-group” which is used to create a series of buttons in groups (without spaces) vertically or horizontally.

Q.7 How can you use Bootstrap to make thumbnails?

Ans : Bootstrap’s *.thumbnail*class is used to show linked images in grids, a thumbnail is created using class *.thumbnail* within the element [<a>](https://www.geeksforgeeks.org/html-a-tag/#:~:text=HTML%20Tag,-Difficulty%20Level%20%3A%20Basic&text=The%20tag%20(anchor,as%20its%20%E2%80%9Chref%E2%80%9D%20value.).  The class *.col-sm*and *.col-md*, it is used to create grids of the images.

Q.8 In Bootstrap 4, what is flexbox?

Ans : Flexbox is used to quickly manage the layout, alignment and sizing of grid columns, navigation, components, and more with a full suite of responsive flexbox utilities.

Q.9 How can one create an alert in Bootstrap?

Ans: Alerts are created with the .alert class, followed by one of the four contextual classes .alert-success, .alert-info, .alert-warning or .alert-danger.

Q.10 What is a bootstrap card and how would you create one?

Ans :  A basic Bootstrap card consists of a . card class with the . card-body class, allowing you to add text, images, links, and other Bootstrap elements within a rounded border.

The building block of a card is the **card-body**within the parent class **card**.

The **card-header** provides a header to the cards and **card-footer** provides a footer to the cards.

The **card-title** is used to give a title to the card and **card-link** is used to provide link to the card if required in it.