**Web Designing Assignment**

**Term-1**

**Module (Bootstrap Basic & Advanced) – 6**

**(1) What are the advantages of Bootstrap?**

**Ans -**

**Top 10 Advantages of Bootstrap for Web Development**

### 1. Easy initiation

### 2. Responsiveness

### 3. Highly customizable

### 4. Extremely user-centric

### 5. Top-notch support

### 6.Cross-browser compatibility

### 7. JavaScript plugins to your rescue

### 8. Far-reaching popularity

### 9. Ample documentation

### 10. Updates at the doorstep

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

**Ans -**

**Containers are the most basic layout element in Bootstrap and are required when using our default grid system. Containers are used to contain, pad, and (sometimes) center the content within them. While containers can be nested, most layouts do not require a nested container.**

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

**Ans -**

**Bootstrap 4 Default Settings**

**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. In addition, all <p> elements have margin-top: 0 and margin-bottom: 1rem (16px by default).**

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

**Ans -**

**Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. Below is an example and an in-depth look at how the grid comes together.**

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

**Ans –**

**The form elements in Bootstrap 4 have defaulted to the browser-provided view. However, in Bootstrap 5, the form elements have a custom design that enables them to have a consistent look and feel in all browsers. The new form controls are based on completely semantic, standard form controls.**

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

Ans -

**Button groups allow multiple buttons to be stacked together on a single line. This is useful when you want to place items like alignment buttons together. You can add on optional JavaScript radio and checkbox style behavior with Bootstrap Button Plugin. This class is used for a basic button group.**

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

Ans -

**This chapter discusses about Bootstrap thumbnails. A lot of sites need a way to lay out images, videos, text, etc, in a grid, and Bootstrap has an easy way to do this with thumbnails. To create thumbnails using Bootstrap −**

* **Add an <a> tag with the class of .thumbnail around an image.**
* **This adds four pixels of padding and a gray border.**
* **On hover, an animated glow outlines the image.**

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

**Ans -**

**Flexbox. The biggest difference between Bootstrap 3 and Bootstrap 4 is that Bootstrap 4 now uses flexbox, instead of floats, to handle the layout. The Flexible Box Layout Module, makes it easier to design flexible responsive layout structure without using float or positioning.**

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

Ans -

**Alerts are available for any length of text, as well as an optional dismiss button. For proper styling, use one of the eight required contextual classes (e.g., .alert-success). For inline dismissal**

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

**This is a primary alert—check it out!**

**</div>**

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

Ans –

**<div class="card" style="width: 18rem;">**

**<img class="card-img-top" src="..." alt="Card image cap">**

**<div class="card-body">**

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

**<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>**

**<a href="#" class="btn btn-primary">Go somewhere</a>**

**</div>**

**</div>**