**Bootstrap Interview Questions**

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| **S.No.** | **Component** | **Bootstrap 3** | **Bootstrap 4** |
| 1 | CSS source files | LESS | SCSS |
| 2 | Grid System | 4 tier grid system (xs, sm, md, lg) | 5 tier grid system (xs, sm, md, lg, xl) |
| 3 | CSS Unit | px | rem |
| 4 | Font Size | 14px | 16px |
| 5 | Dropdown Structure | Created with <ul> and <li> | Created with <ul> or <div> |
| 6 | Offsetting Columns | col-md-offset-4 | offset-md-4 |
| 7 | Images | *.img-responsive* class | *.img-fluid class* |
| 8 | Tables | Add *.table-responsive* class to parent <div> element | Add *.table-responsive* class to <table> element |
| 9 | Glyphicons | Supported | Not Supported |
| 10 | Media Objects | Uses classes for media objects, such as *.media*, *.media-body*, *.media-object*, *.media-heading*, *.media-right*, *.media-left*, *.media-list* and *.media-body* | Uses just *.media* class for media objects. |
| 11 | Dark/inverse Tables | Not supported | Uses *.table-dark* class to make dark/inverse tables |
| 12 | Checkboxes and Radio Buttons | Displays the checkboxes and radio buttons by using *.radio*, *.radio-inline*, *.checkbox*, or *.checkbox-inline* classes | Displays the checkboxes and radio buttons by using *.form-check*, *.form-check-label*, *.form-check-input*, or *.form-check-inline* classes |
| 13 | Form Control Size | Increase or decrease size of an input control by using *.input-lg* and *.input-sm* classes | Increase or decrease size of an input control by using *.form-control-lg* and *.form-control-sm* classes |
| 14 | Help Text | Display the help text by using *.help-block* class | Display the help text by using *.form-text* class |
| 15 | Styles | Uses the *.btn-default* and *.btn-info* classes on buttons | Uses the *.btn-secondary*, *.btn-light* and *.btn-dark* classes on buttons and dropped the *.btn-default* class. |
| 16 | Outline Buttons | Not Supported | Style the buttons with outline color by using *.btn-outline-\** class |
| 17 | Button Sizes | The *.btn-xs* class is available | Available only *.btn-sm* and *.btn-lg* classes and dropped the *.btn-xs* class |
| 18 | Menu Headers | Use *.dropdown-header* class to the *li* tag | Use *.dropdown-header* class to *h1* - *h2* tags |
| 19 | Dividers | Use the *.divider* class in the li element | Use the *.dropdown-divider* class in the div element |
| 20 | Fixed Navbars | Fix the navbar to top or bottom by using *.navbar-fixed-top* and *.navbar-fixed-bottom* classes | Fix the navbar to top or bottom by using *.fixed-top* and *.fixed-bottom* classes |
| 21 | Pagers | Align the pages by using *.previous* and *.next* classes | Not supported |
| 22 | Jumbotron Full Width | It does not uses *.jumbotron-fluid* class on full-width jumbotrons | It uses *.jumbotron-fluid* class for full-width jumbotrons |
| 23 | Carousel Item | Uses *.item* class for carousel items. | Uses *.carousel-item* class for carousel items. |
| 24 | Wells, Panels and Thumbnails | Supported | Not supported. Use cards instead |
| 25 | Inline Navs | It doesn't include *.nav-inline* class | Display the navs as inline by using the *.nav-inline* class |

1. **Define Bootstrap?**

**Ans:** Bootstrap is a front-end framework that is used for creating HTML, CSS, and JS web applications. Its layout is very responsive, easy and fast to use. It mostly focuses on building a mobile application with having design templates for creating UI like Dropdown, Forms, Buttons, Alerts Tab, etc.

1. **Why Bootstrap is used for Mobile Web Development?**

**Ans:** It is used for Mobile Web development because it has responsive designs and templates which is easy to use.

1. **Explain the features of Bootstrap?**

* Open Source for use
* Compatibility with all browsers.
* Responsive designs
* Easy to use and fast.

1. **Define the key components of Bootstrap?**

* Scaffolding – It has the grid system, background, styles.
* JS Plugins – Contains JS and jQuery plugins.
* Customize – Can customize frameworks.
* CSS – Contains CSS files.

1. **What do you understand by Bootstrap container?**

**Ans:** Bootstrap container is again a class that is used for creating an area in the center of the webpage to place the

Content

**How many types of layouts are there in Bootstrap?**

**Ans: There are two types of Layouts**

* **Fluid Layout (.container-fluid class we used)**
* **Fixed Layout**

**Fluid Layout:** For a full width container, Occupy the entire width of the viewport or screen. Fluid Layout adjusts itself according to the browser size.

**Fixed Layout:** Fixed layout is responsive and easy to use but just like the fluid layout, it cannot adjust itself according to the browser size. Fixed Layout should be 940 px in most cases.

1. **How can you display a code in Bootstrap?**

**Ans: we can use <code> and <pre> tag to display the code.**

1. **What is a progress bar in bootstrap?**

**Ans**: A progress bar can be used to show a user how far along he/she is in a process.

<div class="progress">

<div **class="progress-bar"** role="progressbar" aria-valuenow="0"

aria-valuemin="0" aria-valuemax="100">

</div>

</div>

1. **What are the different button styles in Bootstrap?**

**Ans:**

* **.btn-default.**
* **.btn-primary**
* **.btn-success**
* **.btn-info**
* **.btn-warning.**
* **.btn-danger.**
* **.btn-link.**

1. **Which class is used for pagination in Bootstrap?**

**Ans:** To add pagination on the webpage we have to use the class **.pagination**.

1. **Explain what is Bootstrap collapsing elements?**

The collapse JavaScript plugin is used to show and hide content. Buttons or anchors are used as triggers that are mapped to specific elements you toggle.

13.**What is jumbotron?**

 By default, jumbotron display with light grey box to show the important information.

Jumbotron is used to increase the size of headings and add a lot of margin for landing page content. To use the Jumbotron −

* Create a container <div> with the class of **.jumbotron**.
* In addition to a larger <h1>, the *font-weight* is reduced to 200px.

The following example demonstrates this −

<div class = "container">

<div class = "jumbotron">

<h1>Welcome to landing page!</h1>

<p>This is an example for jumbotron.</p>

<p>

<a class = "btn btn-primary btn-lg" role = "button">Learn more</a>

</p>

</div>

</div>