

Q1: What is Bootstrap 5?

A front-end framework for building responsive, mobile-first websites using HTML, CSS, and JavaScript.

Q2: What major dependency was removed in Bootstrap 5?

jQuery was removed to make the framework lighter and more compatible with modern JS frameworks.

Q3: What layout system does Bootstrap 5 use?

Flexbox-based 12-column grid system with responsive breakpoints.

Q4: Name the new breakpoint introduced in Bootstrap 5.

xxl – for extra-large screens ($\geq 1400\text{px}$).

Q5: What are utility classes in Bootstrap 5 used for?

Quick styling for spacing, colors, display, alignment, etc., without writing custom CSS.

Q6: How do you create a responsive column layout?

```
<div class="row">
  <div class="col-md-6">Left</div>
  <div class="col-md-6">Right</div>
</div>
```

Q7: What is the purpose of the .container class?

It centers and adds horizontal padding to your content. Use .container-fluid for full-width layout.

Q8: Name three new components in Bootstrap 5.

Accordion, Offcanvas, Floating Labels.

Q9: How do you initialize a Bootstrap modal using HTML?

```
<button data-bs-toggle="modal" data-bs-target="#myModal">Open Modal</button>
```

Q10: What is the difference between .d-none and .d-block?

.d-none hides an element, .d-block displays it as a block element.

Q11: How do you add margin and padding in Bootstrap 5?

Use classes like m-3, p-2, mt-4, px-5, etc.

Q12: What is the use of .form-floating class?

Creates floating labels for form inputs.

Q13: How do you create a button in Bootstrap 5?

```
<button class="btn btn-primary">Click Me</button>
```

Q14: What is Offcanvas in Bootstrap 5?

A sidebar-like component that slides in from the side of the screen.

Q15: How do you include Bootstrap 5 in a project?

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
```