**HTML**

1. Basics of web development

2. Overall architecture of webpage and its content in reference to performance, SEO

3. All Basic elements, what are tags -paragraph element, anchor element, image element, List element, Table Element, etc

4. ColSpan and Rowspan in Table

5. How to embed image in webpage (local file, image from internet)

6. HTML5 semantic elements and page layout structure

7. Embedding Audio and Video in webpage with audio and video elements

8. Iframe and target attribute

9. How to use 3rd party Iframe widgets

10. Forms API

11. HTML5 Canvas

12. HTML5 SVG

13. HTML5 Geolocation

14. HTML5 Web Workers

15. HTML5 Messaging APIs

16. Web Sockets

17. Communication APIs

**CSS**

1. What is CSS ?

2.How to include CSS for webpage – inline, inner, external css

3.Various Different units in CSS

4.Various properties – border, background-color, background, etc

5.Box Model

6.CSS Selectors

7.Flexbox Layout

8.Grid layout

9.2D/3D Transformations

10.Animations

11.Media-Queries

**Javascript**

1.Knowledge about basic JavaScript usage and its overview

2.Flow Control in Javascript

3.Variables, Functions and Datatypes in javascript

4.Hoisting

5.Conditional statements

6.Operators

7.Array and array methods and Objects in javascript

8.Loops

9.Function Expressions and closures

10.BOM and DOM

11.Event and Event Listeners

12.Event Bubbling and Capturing

13. Asynchronous Javascript

1.Event loops and Callbacks

2.Promise

3.XHR – XmlHttpRequest

4.fetch method

5.axios method

6.async/await

14. Modules in javascript

15.Getters and Iterators in Javscript

**Bootstrap**

1.Bootstrap Introduction and basics

2.Bootstrap Components basics

3.Bootstrap Accordion

4.Bootstrap Navbar

5.Bootstrap Grid

6.Bootstrap Forms

7.Bootstrap Modal

8.Overwriting CSS

9.Remaining Components