

HTML

- Q 1. What is difference between HTML tags, elements and attributes?
- Q 2. What are HTML entities?
- Q 3. What are different types of lists in HTML?
- Q 4. What is difference between “id attribute” and the “class attribute” of HTML elements?
- Q 5. List various types of formatting tags in HTML with example.
- Q 6. Explain the usage of <!DOCTYPE> in HTML.
- Q 7. What is the significance of the <head> and <body> tag?
- Q 8. State the difference between inline and block element.
- Q 9. What is the difference between <link> and <a> tag?
- Q 10. What is differences between the HTML vs HTML5.
- Q 11. What is forms in HTML?
- Q 12. Explain the types of inputs in HTML with example.
- Q 13. What is the difference between <figure> tag and tag?
- Q 14. Explain the importance of meta tags and their types.
- Q 15. What are Semantic elements?
- Q 16. What is difference between <meter> tag and <progress> tag?
- Q 17. What is difference between SVG and Canvas HTML5 element?
- Q 18. Explain the concept of web storage in HTML5.
- Q 19. What is comment in HTML and its type and usage?
- Q 20. What are the empty elements?
- Q 21. What is the advantage of collapsing white space?
- Q 22. What is hyperlink? What is its need?
- Q 23. What is the need of alt tag in img tag?
- Q 24. What is difference between HTML and XHTML?
- Q 25. What is difference between absolute and relative URL?
- Q 26. What is the role of action attribute in HTML forms?
- Q 27. What is the role of method attribute in HTML forms?
- Q 28. What is a marquee in HTML?
- Q 29. What is grouping tag in HTML?
- Q 30. What is accessibility in HTML?

CSS

- Q 1. What is the advantages of using the CSS?
- Q 2. What are the limitations of CSS?
- Q 3. How to include CSS in the webpage. Explain all the different methods to do so.

- Q 4. Explain the different types of selectors in CSS.
- Q 5. What is the difference between CSS and CSS3?
- Q 6. What is comment in CSS and its type and usage?
- Q 7. What is CSS units and its type?
- Q 8. Explain the concept of CSS box model.
- Q 9. Explain the difference between relative and absolute CSS property.
- Q 10. Explain the float CSS property.
- Q 11. What is z-index?
- Q 12. Explain the difference between visibility: hidden and display: none.
- Q 13. Explain the difference between transition and animation.
- Q 14. What are the CSS frameworks and its importance?
- Q 15. Explain @keyframe in CSS.
- Q 16. Explain @media in CSS.
- Q 17. What is function in CSS?
- Q 18. What do you mean by responsive web design in CSS?
- Q 19. What is a CSS preprocessor?
- Q 20. Explain difference between Pseudo elements and Pseudo classes.
- Q 21. How to use google font in CSS?
- Q 22. What is difference between border box and content box?
- Q 23. What is difference between Grid and Flexbox layout?
- Q 24. What does !important mean in CSS?
- Q 25. Explain the CSS specificity.
- Q 26. Explain the different methods for using the color code.
- Q 27. What is margin collapse?
- Q 28. What is difference between Grid and table?
- Q 29. What is the difference between box shadow and drop shadow?
- Q 30. What is the different CSS link state?
- Q 31. What is difference between RGB and RGBA?
- Q 32. What is CSS pre-processor?
- Q 33. What are CSS sprites?
- Q 34. What are the different media types allowed by CSS?
- Q 35. What is BEM naming convention?
- Q 36. What is flex container and flex items?
- Q 37. What is difference between align item and align content?
- Q 38. What is CSS webkit?
- Q 39. What is the purpose of using box-sizing border-box property?
- Q 40. What is difference between SASS and LESS?

JS

- Q 1. What is Primitive data type in JS?
- Q 2. What is difference between primitive and non-primitive data types?
- Q 3. What is difference between null and undefined data types?
- Q 4. What is difference between == and === operators?
- Q 5. Explain the implicit type coercion in javascript.
- Q 6. What is a NaN property in JS?
- Q 7. Explain pass by value and pass by reference in JavaScript.
- Q 8. What do you mean by strict mode in JavaScript?
- Q 9. What is Hoisting?
- Q 10. What is Temporal Dead Zone?
- Q 11. What is difference between let, var and const?
- Q 12. Why do we use debugger word in javascript?
- Q 13. What is function?
- Q 14. What is IIFE?
- Q 15. What is HOF?
- Q 16. Explain map, filter and reduce?
- Q 17. Explain this keyword in javascript.
- Q 18. Explain window keyword in javascript.
- Q 19. Explain call, apply and bind in javascript.
- Q 20. What is regex in javascript?
- Q 21. What is currying in javascript?
- Q 22. Explain scope and scope chaining in javascript.
- Q 23. Explain closure in javascript.
- Q 24. What is callback function in javascript?
- Q 25. Explain the concept of Memoization in javascript.
- Q 26. What is DOM?
- Q 27. What is difference between DOM and BOM?
- Q 28. What is difference between Client side and server side javascript?
- Q 29. What is an Arrow function? Explain the difference between normal function and arrow function.
- Q 30. What is difference between rest and spread operators?
- Q 31. What is promise in javascript?
- Q 32. What is call stack?
- Q 33. What is difference between local storage and session storage?
- Q 34. Explain the working of setTimeout and setInterval.
- Q 35. What is asynchronous javascript?.
- Q 36. Explain the execution of a javascript code.
- Q 37. Explain destructuring.

- Q 38. Explain prototype in javascript.
- Q 39. What is OOJS?
- Q 40. What is ES6 and what were the new improvements in it?
- Q 41. What is Node JS? Why it is needed in javascript?
- Q 42. What is babel? What is the need of it in javascript?
- Q 43. Explain the class keyword on ES6.
- Q 44. What is class constructor?
- Q 45. What is difference between object constructor and function constructor?
- Q 46. What are the features of JavaScript?
- Q 47. What are the different ways to create an object?
- Q 48. What are the conventions of naming a variable in javascript?
- Q 49. What are imports and exports in javascript?
- Q 50. What is difference between document and window in javascript?
- Q 51. What do you mean by statically typed and dynamically typed language?
- Q 52. What is difference between exec() and test() methods?
- Q 53. What are the advantages of using the external javascript?
- Q 54. What are the types of errors in javascript?
- Q 55. What are generator functions?
- Q 56. What is a weakSet and weakMap?
- Q 57. What is difference between prototypal and classical inheritance?
- Q 58. What is difference between event capturing and event bubbling?
- Q 59. What is pure and impure function?
- Q 60. What is difference between nodelist and html collection?

React JS

- Q 1. What is react?
- Q 2. What are the advantages of using react?
- Q 3. What are the limitations of react?
- Q 4. What is JSX?
- Q 5. What are the ways to create a new react app?
- Q 6. What is NPM?
- Q 7. What is the difference between npm and yarn? Which one to use and why?
- Q 8. What is the difference between package.json and package.lock.json file?
- Q 9. What is component in react?
- Q 10. What is props in react?
- Q 11. What is state in react?
- Q 12. What is difference between props and state?
- Q 13. What is difference between functional and class components?
- Q 14. What is virtual dom in react?

- Q 15. What is props drilling?
- Q 16. What is react hooks?
- Q 17. Explain the important hooks in react.
- Q 18. Explain the working of useEffect hook.
- Q 19. What is custom hook?
- Q 20. What is strict mode in react?
- Q 21. What is bundler and its need in react?
- Q 22. What are the techniques used to optimise the react app performance?
- Q 23. What are the different phases of component life cycle?.
- Q 24. What is controlled and uncontrolled component in react?
- Q 25. What is the need of key prop while rendering list object?
- Q 26. What are the higher order function?
- Q 27. What is react router dom?
- Q 28. What is difference between using “a tag” and “link tag” from react router dom?
- Q 29. How to create dynamic routes?
- Q 30. Explain conditional rendering in react.
- Q 31. What is reconciliation algorithm in react?
- Q 32. What is redux toolkit?
- Q 33. What is difference between context hook and redux toolkit? Why we should prefer redux toolkit over context hook?
- Q 34. What is the importance of react dev tool?
- Q 35. What is the importance of redux dev tool?
- Q 36. What is SPA?
- Q 37. What is webpack and babel?
- Q 38. What is a CDN and how to use CDN for react?
- Q 39. What is difference between useState and useReducer hook?
- Q 40. What is axios?
- Q 41. What is action, store and reducer in redux?
- Q 42. How to make an API call while using redux toolkit?
- Q 43. What is jest and react testing library?
- Q 44. What is lazy loading?
- Q 45. What are the different features provide by a bundler?