HTML INTERVIEW QUESTIONS

1. What is HTML5?

2. What are the key differences between HTML and HTML5?

3. What are tags in HTML5 and how many are required to make a basic web page?

4. What are elements in HTML5?

5. What are attributes in HTML5?

6. What is CSS and what is its relationship with HTML5?

7. What are the key HTML5 page structure elements?

8. What is the role of drag and drop in HTML5?

9. What are input elements in HTML5?

10. What is meant by web storage in HTML5?

11. How do you link to another web page using HTML5?

12. What are the three types of lists in HTML5?

13. What are the key benefits of HTML5?

14. What is the role of formatting tags in HTML5?

15. What types of graphics are supported by HTML5?

16. What is new about the relationship between the <header> and <h1> tags in HTML5?

17. What are some of the new input types in HTML5?

18. What are image maps in HTML5?

19. What are some of the most important APIs in HTML5?

20. How can a copyright symbol be added to the webpage using HTML5?

21. What is the role of DOCTYPE in HTML5?

22. What are the different types of storage in HTML5?

23. What is metadata in HTML5 and how is it specified?

24. What are the new tags for multimedia in HTML5?

25. What are some of the main issues with HTML5?

26. What are the best audio and video formats to use in HTML5?

27. How can HTML5 be used for data storage purposes?

28. What is microdata in HTML5 and how is it created?

29. How is the Geolocation API implemented in HTML5?

30. What are some of the key global attributes in HTML5?

31. What is the role of the WebSocket API in HTML5?

32. When should <div> tags be used in HTML5?

33. What is the role of the Web Workers API in HTML5?

34. How can the performance of an HTML5 web page be measured?

35. How can HTML5 web pages be optimized?

CSS INTERVIEW QUESTIONS

1. What is CSS?

2. Why do we use CSS?

3. What are the advantages of CSS?

4. What are the disadvantages of CSS?

5. What is the current version of CSS?

6. How is CSS different from CSS 3?

7. List the CSS Frameworks.

8. What is the syntax for CSS?

9. In how many ways can we add CSS to our HTML file?

10. Which type of CSS holds the highest priority?

11. What are CSS Selectors?

12. How can we add comments in CSS?

13. What does the 'a' in rgba mean?

14. What are CSS HSL Colors?

15. What are CSS backgrounds, list the properties?

16. What are the different CSS border properties?

17. What does margin: 40px 100px 120px 80px signify?

18. What is the difference between margin and padding?

19. What is CSS Box Model?

20. What is the difference between CSS border and outline?

21. How can we format text in CSS?

22. What are the different CSS link states?

23. Can we add an image as a list item marker?

24. How can we hide an element in CSS?

25. What is the difference between display: none and visibility: hidden?

26. Can we overlap elements in CSS?

27. What are the various positioning properties in CSS?

28. What is CSS overflow?

29. What does the CSS float property do?

30. What does display:inline-block do?

31. How can we vertically center a text in CSS?

32. How can we center an image in CSS?

33. What are CSS Combinators?

34. What are pseudo-classes in CSS?

35. What are pseudo-elements in CSS?

36. How can we add gradients in CSS?

37. Can we add 2D transformations to our project using CSS?

38. Can we add 3D transformations to our project using CSS?

39. What are CSS transitions?

41. What does the CSS box-sizing property do?

42. How can we make our website responsive using CSS?

43. What is CSS flexbox?

44. What is CSS Grid?

45. What is the difference between flexbox and grid?

46. What is the best way to include a CSS file? Why use @import?

47. How case-sensitive is CSS?

48. What does CSS Animations allow?

49. What is @keframes used for?

50. What are CSS counters?

51. What is meant by universal selector?

52. What is RWD?

53. What is the difference between class and id selector?

54. How can we use pagination in CSS?

56. How can we create multiple columns of text-like newspapers using CSS?

57. How can we give a shadow effect to our text in CSS?

58. What is !important?

59. What is specificity in CSS?

60. What are the attribute selectors?

JAVASCRIPT INTERVIEW QUESTIONS

Q1 What is typeof operator?

Q2 What is equality in JavaScript ?

Q3 What is the object type?

Q4 Explain is Scope in JavaScript?

Q5 Explain arrays in JavaScript

Q6 Explain what a callback function is and provide a simple example

Q7 Given a string, reverse each word in the sentence

Q8 Remove duplicates of an array and return an array of only unique elements

Q9 Explain Null and Undefined in JavaScript

Q10 What is a Polyfill?

Q11 Explain different methods of iteration in Javascript

Q12 Explain strict mode?

Q13 What is the difference between == and === ?

Q14 What's the difference between Host objects and Native objects?

Q15 Explain the same-origin policy with regards to JavaScript.

Q16 Explain Values and Types in JavaScript

Q17 What is let keyword in JavaScript?

Q18 What is generator in JS?

Q19 What advantages are using arrow functions?

Q20 What is the purpose of setTimeout function?

Q21 What is the definition of a Higher-Order Function?

Q22 Explain the difference between undefined and not defined in JavaScript

Q23 Given an array of integers, find the largest product yielded from three of the integers

Q24 Find the intersection of two arrays

Q25 Write a program for all permutations (Anagrams) of a String

Q26 Find Word Positions in Text

Q27 Implement a queue using a linked list

Q28 What is Currying?

Q29 How to compare two objects in JavaScript?

Q30 Explain Function.prototype.bind

Q31 Explain Closure in JavaScript

Q32 What's the difference between .call and .apply?

Q33 What is the drawback of creating true private in JavaScript?

Q34 Explain the differences on the usage of foo between function foo() {} and var foo = function() {}

Q35 What is the difference between a shim and a polyfill?

Q36 What is Coercion in JavaScript?

Q37 What is IIFEs (Immediately Invoked Function Expressions)?

Q38 What's a typical use case for anonymous functions?

Q39 Explain Prototype Inheritance in JavaScript?

Q40 Explain destructuring an object or an array in ES6?

Q41 Explain how JSONP works (and how it's not really Ajax)

Q42 When would you use the bind function?

Q43 Check if a given string is a isomorphic

Q44 Explain what is Hoisting in Javascript

Q45 What does the term Transpiling stand for?

Q46 What is the new keyword in JavaScript?

Q47 What's the difference between ES6 Map and WeakMap?

Q48 Explain difference between the await keyword and the yield keyword?

Q49 Is JavaScript a pass-by-reference or pass-by-value language?

Q50 How to deep-freeze object in JavaScript?