1. Which of the following technology/ies can be used for a web chat system where both parties can send and receive messages?
2. Server Sent Events
3. Web Socket
4. Either will work
5. None
6. Suppose you have created a food delivery web application where server needs to send you in app updates about the current position of your food packet, which of the technology(ies) will you use to send this one way notification updates?
7. Server Sent Events
8. Web Socket
9. Either will work
10. None
11. Which is not a valid value for the attribute “type” of “input” element ?
12. color
13. file
14. password
15. placeholder
16. To make your webpage interactive and add dynamic behaviour to your web page ?
17. HTML is used
18. CSS is used
19. Javascript is used
20. None
21. Which of the following event will be triggered when you start dragging a draggable element ?
22. dragbegin
23. dragstart
24. dragover
25. drop
26. Which of the following does not have any expiry and persists even when the browser is closed ?
27. sessionStorage
28. localStorage
29. cookies
30. All of the above
31. Which of the following elements can be used to draw a container where using browser apis graphics can be drawn using javascript?
32. canvas
33. video
34. audio
35. header
36. Which of the following element is used to embed videos or audio contents provided by sites like youtube into your web page ?
37. iframe
38. frame
39. embed
40. section
41. Which attribute of ‘video’ element is used to display an image until the content is played or loaded and acts similar to thumbnail?
42. poster
43. source
44. src
45. image
46. \_\_\_\_ allows us to run a series of tests (e.g. whether the user's screen is greater than a certain width, or a certain resolution) and apply CSS selectively to style the page appropriately for the user's needs.
47. Queries
48. Conditions
49. Media query
50. Media Conditions
51. Suppose you want that on screens with width more than or equal to 600px , the font-size should be set to 25px , then what condition/test be applied in media query ?
52. @media screen and (width:600px)
53. @media screen and (min-width:600px)
54. @media screen and (max-width:600px)
55. @media screen and (min-max:600)
56. Designing a website for mobiles at the first place , writing all css rules as per mobile devices , validating it , and after its done for mobile , then making it responsive to be compatible with desktop devices too using certain rules with help of media query is known as
57. Desktop First Design
58. Mobile First Desing
59. Generic Design
60. None of the above
61. Which CSS property is used to enable Flexbox layout on a container?

a. display: flex;

b. position: flexbox;

c. layout: flex;

d. flex-container: true;

1. In Flexbox, which property is used to control the direction in which flex items are arranged within a container?
2. flex-direction
3. flex-flow
4. flex-wrap
5. flex-order
6. What does the justify-content property in Flexbox control ?
7. The alignment of flex items along the main axis
8. The alignment of flex items along the cross axis
9. The order in which flex items appear in the container
10. The spacing between flex items
11. Which value of align-items will vertically center flex items within a container assuming that main axis is horizontal?
12. flex-start
13. flex-center
14. center
15. baseline
16. Consider that on parent element we have set display:flex , and flex-wrap : wrap ,What will happen when the child elements within this parent container exceed the available horizontal space?
17. Child elements will overflow.
18. Child elements will automatically wrap onto the next line.
19. Child elements will be truncated and hidden.
20. Child elements will be evenly spaced to fit within the available space.
21. How can you create a grid where all columns have the same width in CSS Grid Layout?
22. Use the grid-template-columns property with equal column widths/fractions specified.
23. Use the grid-auto-columns property to set a fixed width for all columns.
24. Set the grid-gap property to an equal value for both columns and rows.
25. Use the grid-auto-flow property with the value dense
26. Which property is used to specify the number of columns in a grid container?
27. grid-column
28. columns
29. grid-template-columns
30. grid-columns
31. What is the primary purpose of microdata in web development?

a. To style web pages using CSS.

b. To define the character encoding of a web page.

c. To add structured data to HTML content for improved search engine understanding.

d. To create interactive forms on web pages.