# Questions and Answers

## Question 1

You are designing a website layout using CSS. You want to ensure that the container of a section takes up 50% of the screen width, regardless of the user's screen size. Which of the following is the correct CSS property to achieve this?

* Choice: A)width: 50px;
* Choice: B)width: 50%;
* Choice: C)max-width: 50%;
* Choice: D)min-width: 50%;

Answer: Answer: B) width: 50%;

## Question 2

Which HTML element is used to create a hyperlink?

* Choice: A)<link>
* Choice: B)<a>
* Choice: C)<href>
* Choice: D)<button>

Answer: Answer: B) <a>

## Question 3

What CSS property is used to change the text color of an element?

* Choice: A)font-size
* Choice: B)background-color
* Choice: C)color
* Choice: D)text-color

Answer: Answer: C) color

## Question 4

You want to create a form in HTML. Which of the following tags is used to group together form controls such as inputs and labels?

* Choice: A)<div>
* Choice: B)<form>
* Choice: C)<fieldset>
* Choice: D)<section>

Answer: Answer: C) <fieldset>

## Question 5

In CSS, how would you center a block-level element horizontally within its parent container?

* Choice: A)margin: auto;
* Choice: B)text-align: center;
* Choice: C)position: center;
* Choice: D)align: middle;

Answer: Answer: A) margin: auto;

## Question 6

Which of the following CSS properties will remove the default bullet points from an unordered list?

* Choice: A)list-style: none;
* Choice: B)display: block;
* Choice: C)text-decoration: none;
* Choice: D)remove-bullets: true;

Answer: Answer: A) list-style: none;

## Question 7

Which HTML tag is used for the largest heading?

* Choice: A)<heading>
* Choice: B)<h1>
* Choice: C)<h6>
* Choice: D)<head>

Answer: Answer: B) <h1>

## Question 8

How do you add a comment in CSS?

* Choice: A)// This is a comment
* Choice: B)<!-- This is a comment -->
* Choice: C)/\* This is a comment \*/
* Choice: D)# This is a comment

Answer: Answer: C) /\* This is a comment \*/

## Question 9

Which HTML attribute is used to define inline styles directly on an element?

* Choice: A)class
* Choice: B)id
* Choice: C)style
* Choice: D)css

Answer: Answer: C) style

## Question 10

What is the correct syntax for including an external CSS file in an HTML document?

* Choice: A)<link rel="stylesheet" href="style.css">
* Choice: B)<css href="style.css">
* Choice: C)<style src="style.css">
* Choice: D)<stylesheet link="style.css">

Answer: Answer: A) <link rel="stylesheet" href="style.css">

## Question 11

Which of the following is the correct HTML5 doctype declaration?

* Choice: A)<!DOCTYPE html>
* Choice: B)<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN">
* Choice: C)<!DOCTYPE h5>
* Choice: D)<DOCTYPE html>

Answer: Answer: A) <!DOCTYPE html>

## Question 12

What is the default value of the position property in CSS?

* Choice: A)relative
* Choice: B)absolute
* Choice: C)fixed
* Choice: D)static

Answer: Answer: D) static

## Question 13

Which CSS property is used to control the space between lines of text?

* Choice: A)line-height
* Choice: B)text-indent
* Choice: C)font-spacing
* Choice: D)letter-spacing

Answer: Answer: A) line-height

## Question 14

In HTML, which attribute is used to specify that an input field must be filled out before submitting the form?

* Choice: A)placeholder
* Choice: B)required
* Choice: C)value
* Choice: D)validate

Answer: Answer: B) required

## Question 15

Which CSS property specifies whether an element should be visible or hidden?

* Choice: A)visibility
* Choice: B)display
* Choice: C)opacity
* Choice: D)hide

Answer: Answer: A) visibility

## Question 16

What HTML attribute is used to define inline JavaScript?

* Choice: A)onclick
* Choice: B)onload
* Choice: C)script
* Choice: D)href

Answer: Answer: A) onclick

## Question 17

In CSS, what does the z-index property control?

* Choice: A) The transparency of an element
* Choice: B) The horizontal position of an element
* Choice: C) The stacking order of elements
* Choice: D) The width of an element

Answer: Answer: C) The stacking order of elements

## Question 18

Which of the following is NOT a valid HTML tag?

* Choice: A)<em>
* Choice: B)<strong>
* Choice: C)<break>
* Choice: D)<br>

Answer: Answer: C) <break>

## Question 19

What is the default display value of an HTML <div> element?

* Choice: A)inline
* Choice: B)block
* Choice: C)inline-block
* Choice: D)flex

Answer: Answer: B) block

## Question 20

Which property is used to specify the background color of an element in CSS?

* Choice: A)color
* Choice: B)background-color
* Choice: C)bg-color
* Choice: D)fill

Answer: Answer: B) background-color

## Question 21

How can you include a comment in HTML?

* Choice: A)<!-- This is a comment -->
* Choice: B)// This is a comment
* Choice: C)/\* This is a comment \*/
* Choice: D)# This is a comment

Answer: Answer: A) <!-- This is a comment -->

## Question 22

Which CSS property is used to create space between the content of an element and its border?

* Choice: A)padding
* Choice: B)margin
* Choice: C)border-spacing
* Choice: D)spacing

Answer: Answer: A) padding

## Question 23

What is the result of the following CSS: p { color: blue; }?

* Choice: A) It sets the background color of all paragraphs to blue.
* Choice: B) It sets the font color of all paragraphs to blue.
* Choice: C) It sets the border color of all paragraphs to blue.
* Choice: D) It changes the link color in paragraphs to blue.

Answer: Answer: B) It sets the font color of all paragraphs to blue.

## Question 24

Which HTML element is used to define a division or a section in an HTML document?

* Choice: A)<section>
* Choice: B)<div>
* Choice: C)<article>
* Choice: D)<span>

Answer: Answer: B) <div>

## Question 25

In CSS, what does opacity: 0.5; do to an element?

* Choice: A) It makes the element completely transparent.
* Choice: B) It makes the element 50% opaque.
* Choice: C) It makes the element 50% wider.
* Choice: D) It removes the element from the document flow.

Answer: Answer: B) It makes the element 50% opaque.

## Question 26

Which HTML tag is used to embed an image in a web page?

* Choice: A)<img>
* Choice: B)<image>
* Choice: C)<picture>
* Choice: D)<src>

Answer: Answer: A) <img>

## Question 27

In CSS, what does float: left; do to an element?

* Choice: A) It centers the element horizontally.
* Choice: B) It moves the element to the left of its container and allows text to wrap around it.
* Choice: C) It hides the element.
* Choice: D) It aligns the element to the top left corner of the page.

Answer: Answer: B) It moves the element to the left of its container and allows text to wrap around it.

## Question 28

Which of the following units is relative to the size of the root element in CSS?

* Choice: A)em
* Choice: B)px
* Choice: C)rem
* Choice: D)%

Answer: Answer: C) rem

## Question 29

Which CSS rule will select all elements with the class "header"?

* Choice: A)#header {}
* Choice: B).header {}
* Choice: C)header {}
* Choice: D)\*header {}

Answer: Answer: B) .header {}

## Question 30

Which HTML attribute is used to define the path of an image file in the <img> tag?

* Choice: A)href
* Choice: B)src
* Choice: C)alt
* Choice: D)link

Answer: Answer: B) src

## Question 31

Which of the following CSS properties will make an element invisible but still take up space on the page?

* Choice: A)display: none;
* Choice: B)visibility: hidden;
* Choice: C)opacity: 0;
* Choice: D)float: none;

Answer: Answer: B) visibility: hidden;

## Question 32

How do you create an ordered list in HTML?

* Choice: A)<ul>
* Choice: B)<ol>
* Choice: C)<li>
* Choice: D)<list>

Answer: Answer: B) <ol>

## Question 33

Which of the following values of the position property will position an element relative to its nearest positioned ancestor?

* Choice: A)absolute
* Choice: B)relative
* Choice: C)fixed
* Choice: D)static

Answer: Answer: A) absolute

## Question 34

What is the correct syntax for creating a table in HTML?

* Choice: A)<table><tr><td>Data</td></tr></table>
* Choice: B)<table><row><data>Data</data></row></table>
* Choice: C)<table><tr><th>Data</th></tr></table>
* Choice: D)<table><tr><td><td>Data</td></tr></table>

Answer: Answer: A) <table><tr><td>Data</td></tr></table>

## Question 35

Which of the following properties is used to specify the thickness of a border?

* Choice: A)border-width
* Choice: B)border-height
* Choice: C)border-thickness
* Choice: D)border-style

Answer: Answer: A) border-width

## Question 36

Which HTML element is used to define metadata about an HTML document?

* Choice: A)<meta>
* Choice: B)<head>
* Choice: C)<header>
* Choice: D)<info>

Answer: Answer: A) <meta>

## Question 37

In CSS, how would you select all <p> elements inside a <div>?

* Choice: A)p div {}
* Choice: B)div p {}
* Choice: C).div p {}
* Choice: D)div + p {}

Answer: Answer: B) div p {}

## Question 38

Which of the following CSS properties is used to control the order of flexible items in a flex container?

* Choice: A)flex-direction
* Choice: B)order
* Choice: C)align-items
* Choice: D)flex-grow

Answer: Answer: B) order

## Question 39

Which of the following is a valid HTML5 semantic element?

* Choice: A)<span>
* Choice: B)<article>
* Choice: C)<div>
* Choice: D)<section>

Answer: Answer: B) <article>

## Question 40

Which property in CSS is used to define the space between a border and the surrounding elements?

* Choice: A)padding
* Choice: B)border-spacing
* Choice: C)margin
* Choice: D)border-width

Answer: Answer: C) margin

## Question 41

Which HTML tag is used to play a video file in a webpage?

* Choice: A)<media>
* Choice: B)<video>
* Choice: C)<embed>
* Choice: D)<movie>

Answer: Answer: B) <video>

## Question 42

In CSS, what is the purpose of the calc() function?

* Choice: A) To apply dynamic styling based on user input.
* Choice: B) To calculate mathematical expressions for property values.
* Choice: C) To animate elements based on time values.
* Choice: D) To control the order of execution in the browser.

Answer: Answer: B) To calculate mathematical expressions for property values.

## Question 43

What is the correct way to reference an external JavaScript file in an HTML document?

* Choice: A)<script src="script.js"></script>
* Choice: B)<js href="script.js"></js>
* Choice: C)<script link="script.js"></script>
* Choice: D)<link rel="javascript" href="script.js">

Answer: Answer: A) <script src="script.js"></script>

## Question 44

What does the CSS box-shadow property do?

* Choice: A) Adds a shadow inside the border of an element.
* Choice: B) Adds a shadow outside the border of an element.
* Choice: C) Increases the width of the border.
* Choice: D) Controls the visibility of the element.

Answer: Answer: B) Adds a shadow outside the border of an element.

## Question 45

Which tag is used in HTML5 to define a footer for a document or section?

* Choice: A)<footer>
* Choice: B)<bottom>
* Choice: C)<section>
* Choice: D)<end>

Answer: Answer: A) <footer>

## Question 46

What CSS property allows an element to expand in proportion to its sibling elements in a flex container?

* Choice: A)flex-grow
* Choice: B)flex-wrap
* Choice: C)align-content
* Choice: D)justify-content

Answer: Answer: A) flex-grow

## Question 47

Which attribute is used in the <a> tag to specify the destination URL of a link?

* Choice: A)target
* Choice: B)href
* Choice: C)rel
* Choice: D)src

Answer: Answer: B) href

## Question 48

Which HTML element is used to display a clickable button?

* Choice: A)<input>
* Choice: B)<button>
* Choice: C)<a>
* Choice: D)<div>

Answer: Answer: B) <button>

## Question 49

Which of the following properties is used to create rounded corners in CSS?

* Choice: A)border-radius
* Choice: B)border-corner
* Choice: C)corner-radius
* Choice: D)border-style

Answer: Answer: A) border-radius

## Question 50

In HTML5, which tag is used to represent the navigation links of a website?

* Choice: A)<nav>
* Choice: B)<header>
* Choice: C)<aside>
* Choice: D)<menu>

Answer: Answer: A) <nav>