

HTML & CSS

Q1. What do Sitemap used for?

Ans.

- To provide another effective means for your visitors to find content.
- Makes it easier for the search engines to index your site.
- Search engine optimization.

Q2. Which tags are used for quoting?

Ans.

<q> (used for inline short quotation) and <blockquote>

Q3. What is the correct syntax of <canvas> in the following options?

Ans.

```
<canvas id="mycanvas" width="100"
height="100"><noscript>Canvas doesn't support in
my browser</noscript></canvas>
```

Q4. Textarea is not supported in HTML5. (True/False)

Ans. False

Q5. <h1>some text</h1>

Is this syntax valid? (True/False)

Ans. True

Q6. Is `<!doctype html>` reason for major fallback in HTML5.(True/False)

Ans. False

Q7. `<input type="week">` allows user to select a week and year.(True/False)

Ans. True

Q8. Read about radial-gradient properties i.e. closest-side, closest-corner, farthest-side and farthest-corner.

Ans. Closest side- The gradient's ending shape meets the side of the box closest to its center (for circles) or meets both the vertical and horizontal sides closest to the center (for ellipses).

Closest Corner- The gradient's ending shape is sized so it exactly meets the closest corner of the box from its center

Farthest Side- Similar to closest-side, except the ending shape is sized to meet the side of the box farthest from its center (or vertical and horizontal sides).

Farthest Corner- The gradient's ending shape is sized so it exactly meets the farthest corner of the box from its center.

Q9. Read Linear-gradient.

Ans. Linear Gradients (goes down/up/left/right/diagonally)

Syntax- background: linear-gradient (direction, color-stop1, color-stop2, ...);

Q10. HTML5 does not have backward compatibility with previous HTML elements. (True/False).

Ans. False

Q11. Which HTML tags clearly defines the content?

- a) <div>, & <p>
- b) <header>, <footer>, <nav>, <section>
- c)

Ans. Option b

<article>, <aside>, <details>, <figcaption>, <figure>, <footer>, <header>, <main>, <mark>, <nav>, <section>, <summary>, <time> (semantic elements)

Q12. WatchPosition () does not return the updated position as the user moves. (True/False)

Ans. False (Returns the current position of the user and continues to return updated position as the user moves (like the GPS in a car).)

Q13. Can checkbox be combined with other inputs? (True/False)

Ans. Yes

Q14. In how many ways can media queries be defined?

Ans. 2 (You declare it in the CSS document or in the meta tag in the HTML <head> section of the document)

Q15. For which orientation we can apply media queries?

- a) Portrait b) Landscape c) Horizontal d) Vertical.

Ans. Portrait and Landscape

Q16. Default value for word-wrap?

Ans. Normal

***Q17. Can box-shadow property used for transforms?
(True/False)***

Ans. True

***Q18. Translate will change according to its parent or not.
(True/False)***

Ans. True

***Q19. Manifest is a new feature that does not have fallback?
(True/False)***

Ans. False (Manifest does have a fallback)

Q20. What is the default value for transform-style?

Ans. Flat

Q21. Different context for multiple backgrounds can be implemented by which property?

Ans. background-image: url(file1), url(file2);

Q22. How many emails can be entered in input type=email.

Ans. 1

Q23. 508 Rehabilitation act.

Ans. Section 508, an amendment to the United States Workforce Rehabilitation Act of 1973, is a federal law mandating that all electronic and information technology developed, procured, maintained, or used by the federal government be accessible to people with disabilities.

Q24. Read tel, url input types.

Ans. Tel- Defines a field for entering a telephone number

Url- Defines a field for entering a URL

Q25. Which will describe the content and orientation of the table?

Ans.

Q26. What is device aspect ratio?

Ans. Device width/ device height

Q27. Width and height attributes specifies the width & height of the output device? (True/False)

Ans. False (device-width and device-height specifies the width and height of the device)

Q28. What property value should be given compulsorily for animation property?

Ans. Animation-duration

Q29. Where does the system stores the web storage?

Ans. User's browser storage

Q30. What is fr in grid?

a) flexible b)auto c)fixed d)all of the above

Ans. Flexible (Fraction of space (grid-rows & grid-columns))

Q31. What CSS will do?

- a) Format the web content***
- b) Run the client script even when user turns off the script.***
- c) & d) I didn't remember.***

Ans. A

Q32. What do :focus do?

Ans. The :focus selector is used to select the <input>element that has focus.

Q33. Recently datetime is supported in which browser?

Ans. Chrome, Opera, Safari

Q34. Webworkers will run until the user terminates it (True/False)

Ans. True

Q35. Default value for transform?

Ans. none

Q36. Read translate ()

Ans. Transform function for a 2d translation which sets the position of an element to a new one, described by two vectors (x,y)

Q37. Read and tags

Ans. - The tag is a phrase tag. It defines important text.

- The tag specifies bold text.

Q38. What will “longdesc” do?

Ans. The longdesc attribute specifies a hyperlink to a detailed description of an image.(an attribute of the tag and contain the description which cannot be given in the ‘alt ’ attribute)

Q39. Do HSL supports opacity? (True/False)

Ans. False (Hue, Saturation, Lightness) But HSLA(Hue, Saturation, Lightness, Alpha) does support`

Q40. <article> should contains <h1> tags or not (True/False)

Ans. <article> contains <h1> tag true

Q41. Is <section> an independent content? (True/False)

Ans. True

Q42. Which among the following is not a non-web content?

a) pdf b)ppt c)XML d)flash

Ans. pdf

Q43. getCurrentPosition () syntax.

Ans. navigator.geolocation.getCurrentPosition(success[, error[, options]])

(or)

navigator.geolocation.getCurrentPosition(position.coords.latitude + position.coords.longitude);

Q44. datetime-local has time zone or not? (True/False)

Ans. False (The <input type="datetime-local"> specifies a date and time input field, with no time zone.)

Q46. How to spread CSS3 properties over pages?

Ans. External Style Sheet

Q47. Recent CSS3 properties have prefixes or not? (True/False)

Ans. No

Q48. How to include YouTube videos?

Ans. <iframe></iframe>, <object></object> & <embed>

Q49. What are the major mobile accessibility issues?

- a) Small screens***
- b) Companies provide specialized browsers***
- c) Compatibility***
- d) I didn't remember exactly***

Ans. ***a) Small screens***

Q50. What will WebAccessibilityInitiative (WAI) do?

Ans. Provide & develop guidelines and standards for web accessibility.

Q51. What should not be displayed inside link tag?

- a. url of the link***
- b .information of the content in the url etc***

Ans. Option b

Q52. keyframes

Ans. When you specify CSS styles inside the @keyframes rule, the animation will gradually change from the current style to the new style at certain times.

To get an animation to work, you must bind the animation to an element.

Syntax- @keyframes

Q53. Plugins are called helper applications (true/false)

Ans. No

Q54. onchange accessibility issue

Ans. Onchange- The event is typically triggered in a option element when the up or down arrow keys are pressed

Issue- The HTML option element with the onchange event is very inaccessible to keyboard-only users. IE and most other browsers trigger the onchange event on up and down arrow key presses, which most users expect to use to view the options. IE has a little-known feature that allows use of Control+Up arrow and Control+Down arrow to view options without triggering onChange events, but few people know about this feature. This onchange technique should not be used since users cannot easily find and select options.

Q55. TTF browser support

Ans. TTF stands for True Type Font. It is supported in all browsers(IE9+, chrome , opera, Mozilla, safari)

Q56. <search> tag is used for what kind of search?

- a) site search***
- b) hint search***
- c) google search***
- d) text and code search***

Ans. Option a:- Site search (most probably)

Q57. Svg features

Ans. Resolution independent

Support for event handlers

Best suited for applications with large rendering areas
(Google Maps)

Slow rendering if complex (anything that uses the DOM a lot will be slow)

Not suited for game applications

Q58. Which was not indicated in 508?

Ans. Fine for the private companies not following the guidelines.

Q59. Read about grid-column-position

Ans. The grid-columns position specifies the width of each column in the grid.(default value is auto)

Q60. Media queries are

a.extension of css

b.rendering in diff devices

Ans. Rendering in diff devices

Q61. What is the property that defines the notification?

Ans. EventSource

Q62. Pseudo classes can be embedded with css classes.(T/F)

Ans. True

Q63. What are new media rich elements?

Ans. < audio>, <video>, <track>, <source>, <embed>

Q64. To get the playlist, can we use track tag?

Ans. False(track tag is to provide text tracks for media)

Q65. Do canvas support JS event handlers?

Ans. No

Q66. How to validate url?

a) JS validation

b) validation

c) automatically validated on submit.

d) All of the above.

Ans. Option d(all of the above)

Q67. When local storage will get affected?(more than 1 option)

a) when manifest file is modified

b)when API cache is updated

c)when user deletes it

d)none

Ans. A, B, C

Q68. Word-wrap

Ans. The word-wrap property allows long words to be able to be broken and wrap onto the next line.

Default value: normal

Inherited: yes

Animatable: no. Read about animatable

Version: CSS3

JavaScript syntax: `object.style.wordWrap="break-word"`

Q69. How to define mp3 format for <audio>

Ans. <audio controls>

<source src="horse.ogg" type="audio/ogg">

<source src="horse.mp3" type="audio/mpeg">

</audio>

Q70. Can <audio> have multiple <source> tags.

Ans. Yes

Q71. How to declare image in html?

Ans.

Q72. Can we give background size in %?

Ans. Yes

Q73. Can we have multiple background images for one element?

Ans. True

Q74. Min and max can be applied for date?

Ans. True

Q75. nth :last- child valid in pseudo classes?

Ans. True

Q76. How to give telephone number in input-type?

Ans. Input type="tel"

Q77. What comma represents in media query?

a.And b.OR

Ans. OR

Q79. Who first introduced Web Accessibility Initiative?

a) United Nation

b) W3C

c) Web Accessibility Content (WCAG)

Ans. W3C

Q80. A set of rules which control the web accessibility

Ans. Alternative Text for Images

Keyboard Input

Transcripts for Podcasts

Tab indexes

Color contrast ratio

Q81. @font face:list all the attributes(more than 1 option)

a. font-stretch

b. font-style

c. font-size

d. font-weight

e. font-family

f. src

g.unicode range

Q82. HTML5 and CSS3 accepts only fonts installed in the user system(T/F)

Ans. False

Q83. What process css3 and html5 follows to support old browsers?

- a) help analogy*
- b) browser consideration*
- c) graceful degradation*
- d) PROGRESSIVE ENHANCEMENT**

Ans. Help analogy
PROGRESSIVE ENHANCEMENT
Graceful degradation

Q84. How to declare html content?

- a. <content type="text/html">*
- b. <mime type="text/html">*

Ans. A and B

Q85. In css lang:What can be included?

Ans. Two letter Language code (eg- en-us)

Q86. HTML is device independent language(T/F)

Ans. true

Q87. Does @font face has fallback?

Ans. Yes

Q88. Types of button?

- a. `<input type="button">`
- b. `<input type="submit">`
- c. `<input type="refresh">`
- d. `<input type="save">`

Ans. option A and B

Q89. regarding data transfer.setData().

Ans. The dataTransfer.setData() method sets the data type and the value of the dragged data.

Syntax: void dataTransfer.setData(format, data);

Q90. Event that occurs On dragging element, which can be dropped?

- a. `ondragover()`
- b. `ondropover()` <-Not an event of drag and drop->
- c. `ondrag()`
- d. `ondrop()`

Ans. ondragover()

Sequence:- 1 `ondrag()`

2 `ondragover()`

3 `ondrop()`

Q91. One element is dragged and it has to be dropped. What event occurs?

- a. `ondragover()`
- b. `ondragstart()`
- c. `ondrag()`
- d. `ondrop()`

Ans .ondrop()

Q92. Future value of float?

a) top b)bottom c) position d) all

Ans.

Q93. <svg> is defined in which language?

Ans. XML

Q94. What is the correct syntax for range?

Ans. <input type="range">

Q95. Correct syntax for source

Ans. <source src="abc.mp3" type="audio/mpeg">

Q96. Placeholder can be used as initial value or not?

Ans. False