

Web Development Exam Preparation – All 120 MCQs

Q1. Which of the following best describes the role of a front-end developer?

- a) Manages databases
- b) ☒ Designs UI with HTML, CSS, JS (Correct Answer)
- c) Configures web servers
- d) Implements APIs

Q2. What does HTML stand for?

- a) ☒ HyperText Markup Language (Correct Answer)
- b) HighText Machine Language
- c) Hyper Transfer Markup Language
- d) Hyper Tool Multi Language

Q3. Which tag is used to create a hyperlink in HTML?

- a) <link>
- b) <href>
- c) ☒ <a> (Correct Answer)
- d) <hyper>

Q4. Which HTML element is used to display the largest heading?

- a) <h6>
- b) ☒ <h1> (Correct Answer)
- c) <header>
- d) <p>

Q5. Semantic HTML improves:

- a) Styling performance
- b) ☒ Code readability and accessibility (Correct Answer)
- c) File size
- d) Image rendering

Q6. Which CSS property is used to change text color?

- a) font-style
- b) text-color
- c) ☒ color (Correct Answer)
- d) background-color

Q7. The default position property of an element in CSS is:

- a) absolute
- b) relative
- c) ☒ static (Correct Answer)
- d) fixed

Q8. Which CSS unit is relative to the root element's font size?

- a) px

- b) em
- c) ☒ rem (Correct Answer)
- d) %

Q9. The CSS box model does NOT include:

- a) Content
- b) Margin
- c) Border
- d) ☒ Layer (Correct Answer)

Q10. Which property is used to control element stacking order?

- a) ☒ z-index (Correct Answer)
- b) order
- c) stack
- d) priority

Q11. Flexbox property to distribute extra space between items:

- a) ☒ justify-content (Correct Answer)
- b) align-items
- c) flex-wrap
- d) display

Q12. In Grid layout, which property defines column sizes?

- a) grid-template-rows
- b) ☒ grid-template-columns (Correct Answer)
- c) grid-area
- d) grid-gap

Q13. CSS animation uses which property for keyframes?

- a) @style
- b) @animation
- c) ☒ @keyframes (Correct Answer)
- d) @frames

Q14. Which framework is primarily CSS-based?

- a) React
- b) ☒ Bootstrap (Correct Answer)
- c) Django
- d) Node.js

Q15. Which tag represents semantic HTML?

- a) <div>
- b)
- c) ☒ <article> (Correct Answer)
- d)

Q16. To link CSS with HTML, which tag is correct?

- a) <style href="style.css">
- b) <css link="style.css">

- c) ☒ <link rel="stylesheet" href="style.css"> (Correct Answer)
- d) <stylesheet link="style.css">

Q17. Which property makes elements overlap?

- a) float
- b) ☒ position: absolute (Correct Answer)
- c) margin
- d) padding

Q18. Which CSS property controls the space between lines of text?

- a) letter-spacing
- b) text-indent
- c) ☒ line-height (Correct Answer)
- d) spacing

Q19. Which HTML element is used for inserting an image?

- a) ☒ (Correct Answer)
- b) <src>
- c) <image>
- d) <picture>

Q20. Which is true about CSS Grid vs Flexbox?

- a) Flexbox is for 2D layout
- b) Grid is for 1D layout
- c) ☒ Grid handles both rows and columns (Correct Answer)
- d) Flexbox is always better

Q21. The attribute alt in is used for:

- a) File path
- b) ☒ Alternate text if image fails (Correct Answer)
- c) Styling images
- d) Image size

Q22. Which CSS property is NOT used in positioning?

- a) top
- b) right
- c) float
- d) ☒ opacity (Correct Answer)

Q23. CSS transform: rotate(90deg); rotates element:

- a) Vertically
- b) ☒ Clockwise 90 degrees (Correct Answer)
- c) Counterclockwise 90 degrees
- d) Flips upside down

Q24. Which CSS property creates transition effects?

- a) ☒ transition (Correct Answer)
- b) transform
- c) animation-delay
- d) keyframes

Q25. CSS Grid gap between rows and columns is controlled by:

- a) margin
- b) ☒ grid-gap (Correct Answer)
- c) border-spacing
- d) spacing

Q26. HTML5 introduced which tag?

- a) <marquee>
- b) ☒ <video> (Correct Answer)
- c)
- d) <blink>

Q27. Which CSS framework uses utility classes?

- a) Bootstrap
- b) ☒ Tailwind CSS (Correct Answer)
- c) Materialize
- d) Foundation

Q28. In CSS, position: fixed; means element is:

- a) Relative to parent
- b) ☒ Relative to viewport (Correct Answer)
- c) Scrollable
- d) Hidden

Q29. Which HTML tag creates a table row?

- a) <row>
- b) ☒ <tr> (Correct Answer)
- c) <td>
- d) <table>

Q30. Which meta tag is important for responsiveness?

- a) <meta charset>
 - b) ☒ <meta name="viewport"> (Correct Answer)
 - c) <meta author>
 - d) <meta description>
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Q31. What will be displayed in the browser?

`<p>Hello World</p>`

- a) Hello World
- b) ☒ Hello (Correct Answer)
- c) World
- d) Nothing

Q32. Which HTML element is correct for linking an external stylesheet?

- a) ☒ `<link>` (Correct Answer)
- b) `<style>`
- c) `<script>`
- d) `<meta>`

Q33. What is the output?

`<h1>Title</h1> <h2>Title</h2>`

- a) Both same size text
- b) ☒ h1 larger than h2 (Correct Answer)
- c) h2 larger than h1
- d) Error

Q34. What is the background color of the paragraph?

`<p style="background-color: rgba(255,0,0,0.5);">Hello</p>`

- a) ☒ Red transparent (Correct Answer)
- b) Solid red
- c) White
- d) No color

Q35. What will happen?

Click

- a) Opens in same tab
- b) ☒ Opens in new tab (Correct Answer)
- c) Shows error
- d) Opens in popup

Q36. Which tag makes text italic?

- a) `<i> </i>`

- b) ` `
- c) `<italics> </italics>`
- d) ☒ Both a & b (Correct Answer)

Q37. What is the correct way to add inline CSS?

Q38. What will this code display?

- a) Nothing
- b) Broken image icon
- c) ☒ Image not found (Correct Answer)
- d) Error

Q39. Which selector selects all inside ?

- a) `div + p`
- b) `div > p`
- c) ☒ `div p` (Correct Answer)
- d) `p div`

Q40. What does this CSS rule do?

`p:first-child { color: green; }`

- a) All p tags green
- b) ☒ First p inside parent green (Correct Answer)
- c) First line green
- d) Error

Q41. What is the margin of the box?

`div { margin: 10px 20px; }`

- a) Top/Bottom 20, Left/Right 10
- b) ☒ Top/Bottom 10, Left/Right 20 (Correct Answer)
- c) All 10
- d) All 20

Q42. What will be displayed?

`<p><Hello></p>`

- a) ☒ `<Hello>` (Correct Answer)
- b) Hello
- c) Error
- d) Nothing

Q43. Which property makes text bold in CSS?

- a) ☒ font-weight (Correct Answer)
- b) text-style
- c) bold
- d) font-bold

Q44. What does this do?

```
div { position: absolute; top: 10px; left: 20px; }
```

- a) Relative positioning
- b) Fixed in place
- c) ☒ Moves div 10px down, 20px right (Correct Answer)
- d) Stays at default

Q45. What is the grid column span of the item?

```
.item { grid-column: 1 / span 2; }
```

- a) 1 column
- b) ☒ 2 columns (Correct Answer)
- c) 3 columns
- d) Error

Q46. What happens here?

- a) Box unchecked
- b) ☒ Box checked (Correct Answer)
- c) Error
- d) No display

Q47. Which CSS rule applies hover effect?

- a) ☒ a:hover (Correct Answer)
- b) a:focus
- c) a:active
- d) a:visited

Q48. What will flexbox do?

```
.container { display: flex; justify-content: space-between; }
```

- a) All items overlap
- b) ☒ Items spread evenly with space between (Correct Answer)
- c) Items aligned left
- d) Error

Q49. Which CSS unit is relative to parent font size?

- a) px
- b) ☒ em (Correct Answer)
- c) %
- d) vh

Q50. What is the output?

```
<ul> <li>One</li> <li>Two</li> </ul>
```

- a) One Two
- b) ☒ - One - Two (Correct Answer)
- c) 1. One 2. Two
- d) Error

Q51. Which tag is semantic?

- a) <div>
- b) ☒ <section> (Correct Answer)
- c)
- d)

Q52. What happens here?

```
<form> <input type="text" value="Hello"> </form>
```

- a) Empty box
- b) ☒ Box with Hello (Correct Answer)
- c) Error
- d) Placeholder Hello

Q53. Which CSS makes animation?

- a) @animation
- b) ☒ @keyframes (Correct Answer)
- c) transform
- d) transition

Q54. What does this do?

```
div { transform: rotate(45deg); }
```

- a) Rotates text
- b) ☒ Rotates div box 45 degrees (Correct Answer)
- c) No effect
- d) Error

Q55. Which framework is CSS based?

- a) Django
- b) Flask
- c) ☒ Bootstrap (Correct Answer)
- d) React

Q56. Which tag creates a table row?

a) ☒ <tr> (Correct Answer)

b) <td>

c) <th>

d) <table-row>

Q57. What does z-index do?

a) Moves item left-right

b) ☒ Moves item front-back (Correct Answer)

c) Rotates item

d) No effect

Q58. Which input type hides characters as you type?

a) text

b) ☒ password (Correct Answer)

c) hidden

d) secure

Q59. What does this snippet show?

Go Down

a) Opens another page

b) ☒ Scrolls to section2 (Correct Answer)

c) Error

d) Does nothing

Q60. Which CSS property sets spacing between letters?

a) word-spacing

b) ☒ letter-spacing (Correct Answer)

c) spacing

d) text-indent

Q61. Which protocol is used for web communication?

a) ☒ HTTP/HTTPS (Correct Answer)

b) FTP

c) SMTP

d) SSH

Q62. Which HTML tag is used for inserting a line break?

a) <p>

b) ☒
 (Correct Answer)

c) <line>

d) <break>

Q63. Which attribute specifies the URL in an anchor tag?

- a) ☒ href (Correct Answer)
- b) link
- c) url
- d) src

Q64. in HTML means:

- a) ☒ Italics (semantic emphasis) (Correct Answer)
- b) Bold text
- c) Small text
- d) Highlight text

Q65. Which CSS property changes the background color?

- a) bg-color
- b) color
- c) ☒ background-color (Correct Answer)
- d) bgcolor

Q66. The difference between inline and block elements is:

- a) Inline takes full width
- b) Block flows inside text
- c) ☒ Block starts on new line (Correct Answer)
- d) Both are same

Q67. CSS unit % is relative to:

- a) Screen width
- b) ☒ Parent element (Correct Answer)
- c) Root font size
- d) Absolute pixels

Q68. Which of the following is NOT semantic HTML?

- a) <header>
- b) <footer>
- c) ☒ <div> (Correct Answer)
- d) <article>

Q69. Which CSS property controls text size?

- a) font-weight
- b) text-size
- c) ☒ font-size (Correct Answer)
- d) size

Q70. Which CSS property is used for shadow effects?

- a) text-decoration
- b) ☒ box-shadow (Correct Answer)
- c) outline
- d) filter

Q71. CSS Flexbox axis direction is controlled by:

- a) ☒ flex-direction (Correct Answer)
- b) justify-content
- c) align-items
- d) order

Q72. In CSS Grid, which property merges cells?

- a) grid-span
- b) ☒ grid-column (Correct Answer)
- c) column-span
- d) row-span

Q73. CSS transition requires:

- a) Only transition-property
- b) ☒ Transition-property + transition-duration (Correct Answer)
- c) Only transition-duration
- d) Only transform

Q74. Which CSS framework is mobile-first?

- a) Bootstrap
- b) Tailwind
- c) Foundation
- d) ☒ All of the above (Correct Answer)

Q75. Which tag is used for ordered lists?

- a)
- b) ☒ (Correct Answer)
- c)
- d) <list>

Q76. Which tag is used to group block-level content?

- a) <group>
- b)
- c) ☒ <div> (Correct Answer)
- d) <section>

Q77. CSS property to fix element at screen bottom:

- a) position: relative; bottom: 0;
- b) position: absolute; bottom: 0;
- c) ☒ position: fixed; bottom: 0; (Correct Answer)
- d) float: bottom;

Q78. Which CSS property increases spacing between characters?

- a) ☒ letter-spacing (Correct Answer)
- b) word-spacing
- c) line-height
- d) text-indent

Q79. Which HTML tag is used for inline code snippets?

- a) <pre>
- b) ☒ <code> (Correct Answer)
- c) <kbd>
- d) <tt>

Q80. CSS Grid property to control spacing between cells:

- a) margin
- b) ☒ gap (Correct Answer)
- c) padding
- d) grid-spacing

Q81. What is the default HTML doctype for modern browsers?

- a) ☒ <!DOCTYPE html> (Correct Answer)
- b) <!DOCTYPE HTML5>
- c) <!DOCTYPE>
- d) <!HTML>

Q82. CSS animation timing is controlled by:

- a) animation-speed
- b) ☒ animation-duration (Correct Answer)
- c) animation-delay
- d) keyframes

Q83. Which CSS property changes cursor style?

- a) mouse-style
- b) pointer
- c) ☒ cursor (Correct Answer)
- d) hand

Q84. Which tag is used for main navigation in semantic HTML?

- a) <menu>
- b) ☒ <nav> (Correct Answer)
- c)
- d) <header>

Q85. Which HTML tag is used for responsive image handling?

- a)
- b) ☒ <picture> (Correct Answer)

- c) <image>
- d) <source>

Q86. Which meta tag is used for SEO keywords?

- a) <meta description>
- b) ☒ <meta name="keywords"> (Correct Answer)
- c) <meta viewport>
- d) <meta author>

Q87. Which CSS layout is best for aligning items vertically?

- a) Float
- b) ☒ Flexbox (Correct Answer)
- c) Grid
- d) Inline-block

Q88. Which CSS property hides an element but keeps its space?

- a) display: none;
- b) opacity: 0;
- c) ☒ visibility: hidden; (Correct Answer)
- d) overflow: hidden;

Q89. Which HTML tag is used for form input?

- a) <textbox>
- b) <form>
- c) ☒ <input> (Correct Answer)
- d) <field>

Q90. Which CSS property controls overflow content?

- a) visible
- b) ☒ overflow (Correct Answer)
- c) hidden
- d) display

Q91. Which of these is NOT a web development role?

- a) Frontend Developer
- b) Backend Developer
- c) ☒ Cloud Engineer (Correct Answer)
- d) UI Designer

Q92. Which HTML element is used to collect user input?

- a) <form>
- b) ☒ <input> (Correct Answer)
- c) <data>

d) <collect>

Q93. Which attribute is used to specify image path?

- a) href
- b) ☒ src (Correct Answer)
- c) alt
- d) path

Q94. Which tag is used for bold text in semantic HTML5?

- a) ☒ (Correct Answer)
- b)
- c)
- d) <i>

Q95. CSS external stylesheets use which tag?

- a) <style>
- b) ☒ <link> (Correct Answer)
- c) <css>
- d) <import>

Q96. Which CSS selector targets all inside ?

- a) ☒ div p (Correct Answer)
- b) div.p
- c) p.div
- d) div+p

Q97. CSS property to align text center?

- a) text-center
- b) align-text
- c) ☒ text-align (Correct Answer)
- d) margin

Q98. Which is NOT a CSS unit?

- a) em
- b) px
- c) cm
- d) ☒ int (Correct Answer)

Q99. HTML <table> tag needs:

- a) <row>
- b) <td>
- c) <tr>
- d) ☒ Both <tr> and <td> (Correct Answer)

Q100. Which HTML tag creates a dropdown?

- a) <input type="dropdown">
- b) ☒ <select> (Correct Answer)

- c) <list>
- d) <menu>

Q101. Which CSS property adds space inside border?

- a) margin
- b) border-spacing
- c) ☒ padding (Correct Answer)
- d) gap

Q102. Which flexbox property allows wrapping?

- a) ☒ flex-wrap (Correct Answer)
- b) wrap
- c) align-wrap
- d) flex-flow

Q103. Which grid property defines row height?

- a) ☒ grid-template-rows (Correct Answer)
- b) grid-template-columns
- c) row-gap
- d) grid-row

Q104. CSS @keyframes requires:

- a) start-end only
- b) ☒ 0% to 100% stages (Correct Answer)
- c) frames per second
- d) duration only

Q105. Which HTML element is used for captions in tables?

- a) <title>
- b) ☒ <caption> (Correct Answer)
- c) <thead>
- d) <summary>

Q106. Which CSS property makes element float left or right?

- a) display
- b) position
- c) ☒ float (Correct Answer)
- d) align

Q107. Which CSS property hides scrollbars?

- a) display: none;
- b) ☒ overflow: hidden; (Correct Answer)
- c) visibility: hidden;
- d) scrollbar: none;

Q108. Which HTML tag defines a section of navigation links?

- a) <menu>

- b) ☒ <nav> (Correct Answer)
- c) <aside>
- d) <header>

Q109. Which CSS framework uses grid system (12 columns)?

- a) ☒ Bootstrap (Correct Answer)
- b) Tailwind
- c) Foundation
- d) Materialize

Q110. Which CSS property controls text boldness?

- a) font-style
- b) ☒ font-weight (Correct Answer)
- c) bold
- d) style

Q111. HTML tag requires which attribute?

- a) src
- b) autoplay
- c) controls
- d) ☒ All of the above (Correct Answer)

Q112. Which CSS pseudo-class applies when user hovers?

- a) ☒ :hover (Correct Answer)
- b) :focus
- c) :visited
- d) :active

Q113. Which CSS property sets background image?

- a) bg-image
- b) ☒ background-image (Correct Answer)
- c) image-url
- d) background-src

Q114. Which HTML element defines the document's title?

- a) <head>
- b) ☒ <title> (Correct Answer)
- c) <h1>
- d) <meta>

Q115. CSS media queries use which keyword?

- a) ☒ @media (Correct Answer)
- b) @query

- c) if-screen
- d) screen-query

Q116. Which tag is used for side content?

- a) ☒ <aside> (Correct Answer)
- b) <section>
- c) <div>
- d) <extra>

Q117. Which HTML element is used for inline quotations?

- a) <quote>
- b) ☒ <q> (Correct Answer)
- c) <blockquote>
- d)

Q118. Which CSS property creates rounded corners?

- a) border-style
- b) ☒ border-radius (Correct Answer)
- c) border-corner
- d) corner-radius

Q119. Which HTML attribute makes input mandatory?

- a) require
- b) ☒ required (Correct Answer)
- c) must
- d) validate

Q120. Which HTML tag represents footer information?

- a) ☒ <footer> (Correct Answer)
- b) <bottom>
- c) <end>
- d) <section>