

100 HTML INTERVIEW QUESTIONS

1. What does HTML stand for, and its purpose?

- HTML stands for HyperText Markup Language, used to create web pages.

2. Explain HTML's fundamental components.

- HTML comprises tags, defining page structure and content.

3. Define the DOCTYPE declaration in HTML.

- The DOCTYPE specifies HTML version, aiding correct rendering.

4. Distinguish between HTML elements, tags, and attributes.

- Elements form page components, tagged for structure, attributes provide extra info.

5. List common HTML tags.

- Common tags include headings, paragraphs, links, images, lists, tables.

6. Explain the purpose of the <head> tag.

- The <head> tag contains document metadata like title, charset.

7. Purpose of the <body> tag?

- The <body> tag holds main visible content for display.

8. Contrast block-level vs. inline elements.

- Block-level elements start new lines, occupy full width.

Inline don't. 9. What's the role of the `<div>` tag?

- `<div>` groups elements for styling, layout structuring.

10. What does the `` tag do?

- `` applies styles to specific text portions.

11. Elaborate on the `<a>` tag in HTML.

- `<a>` creates hyperlinks to other pages or files.

12. Define the href attribute in `<a>` tag.

- href specifies hyperlink destination URL.

13. Purpose of the `` tag in HTML?

- `` displays images on web pages.

14. Describe the src attribute in `` tag.

- src specifies image file or URL source.

15. What's the `<table>` tag for?

- `<table>` creates tabular data structures.

16. Explain `<thead>`, `<tbody>`, `<tfoot>` tags.

- <thead> groups table header, <tbody> body, <tfoot> footer.

17. Define the <tr> tag in HTML.

- <tr> signifies a table row.

18. Purpose of <th> and <td> tags?

- <th> defines table header cell, <td> table data cell.

19. What do colspan and rowspan attributes do?

- colspan spans cells horizontally, rowspan vertically.

20. Explain the <form> tag's purpose.

- <form> creates interactive input forms for users.

21. Commonly used form elements in HTML?

- Input, checkboxes, radio buttons, dropdown lists, text areas.

22. Define the name attribute in form elements.

- name identifies form elements for server-side processing.

23. Purpose of method attribute in <form> tag?

- method determines how form data is sent (GET or POST).

24. Explain the action attribute in <form> tag.

- action specifies where form data is sent upon submission.

25. What's the <input> tag used for?

- <input> creates various form input fields.

26. Describe the type attribute in <input> tag.

- type determines input field type (text, checkbox, radio,

etc.). **27. Explain the <label> tag's purpose.**

- <label> associates text with form elements for accessibility.

28. Purpose of the <select> tag in HTML?

- <select> creates dropdown selection lists.

29. What's the role of the <option> tag in <select>?

- <option> defines selectable options within a dropdown.

30. Describe the value attribute in <option> tag.

- value assigns a value to an option, sent upon form submission.

31. Purpose of <textarea> tag in HTML?

- <textarea> creates multiline text input fields.

32. Explain the <iframe> tag's purpose.

- `<iframe>` embeds external content within a page.

33. Describe semantic HTML.

- Semantic HTML uses elements with meaningful roles.

34. Advantages of external CSS stylesheets?

- Easier maintenance, consistent styling, faster loading times.

35. Define the class attribute in HTML.

- class assigns one or more style classes to

elements. 36. Purpose of the id attribute in

HTML?

- id gives elements unique identifiers for targeting.

37. Explain the CSS display property.

- display controls element rendering behavior.

38. Purpose of the CSS position property?

- position determines element positioning method.

39. What does the CSS float property do?

- float aligns elements to left or right within containers.

40. Describe the CSS box-sizing property.

- box-sizing controls element sizing calculation method.

41. Explain CSS flexbox layout.

- Flexbox creates flexible layouts with alignment control.

42. Purpose of CSS grid layout?

- CSS grid creates complex two-dimensional layouts.

43. What does the <meta> tag do in HTML?

- <meta> provides document metadata like charset or viewport.

44. Explain the viewport meta tag's purpose.

- The viewport tag controls mobile viewport width and

scaling. **45. Purpose of the alt attribute in tag?**

- alt provides alternative text for images, aiding accessibility.

46. Describe the title attribute in HTML.

- title provides additional information or tooltips for elements.

47. What do <fieldset> and <legend> tags do?

- <fieldset> groups related form elements, <legend> provides caption.

48. Purpose of <datalist> tag in HTML?

- <datalist> provides predefined input options for <input> fields.

49. What does the <meter> tag represent?

- <meter> visualizes scalar measurements like progress bars.

50. Describe the <time> tag's purpose.

- <time> represents specific dates or times for content.

51. Describe the purpose of the required attribute in form elements. - The required attribute mandates filling form fields before submission.

52. Explain the autocomplete attribute in form elements. - autocomplete controls form field autocomplete behavior.

53. Purpose of the <nav> tag in HTML?

- <nav> defines navigation links section in a

webpage. **54. Describe the <abbr> tag in HTML.**

- <abbr> defines abbreviations with optional explanations.

55. Purpose of the <pre> tag in HTML?

- <pre> displays preformatted text preserving whitespace.

56. Explain the disabled attribute in form elements.

- disabled prevents interaction with form fields or buttons.

57. Purpose of the readonly attribute in form

elements? - readonly makes form fields

non-editable but visible.

58. Describe the <progress> tag's purpose in HTML.

- <progress> visually represents task progress or completion.

59. What does the placeholder attribute do in form

elements? - placeholder offers hints or examples in

input fields.

60. Explain the <ruby> and <rt> tags in HTML.

- <ruby> annotates East Asian characters with pronunciation guides.

61. Purpose of the <bdi> tag in HTML?

- <bdi> isolates text for formatting in different directions.

62. Describe the <details> and <summary> tags' purpose.

- <details> creates collapsible sections with <summary> heading.

63. Purpose of the <wbr> tag in HTML?

- <wbr> suggests word break opportunities within long strings.

64. Explain the contenteditable attribute in HTML.

- contenteditable makes elements editable directly in the browser.

65. Describe the spellcheck attribute in form

- elements.**
- spellcheck enables/disables spell checking in form fields.

66. Purpose of the <cite> tag in HTML?

- <cite> marks titles or creative work references.

67. What does the download attribute do in the

- <a> tag?**
- download prompts download of linked file upon click.

68. Purpose of the <script> tag in HTML?

- <script> embeds or references JavaScript code.

69. Explain the difference between inline and external JavaScript. - Inline JS is directly in HTML, external JS is in separate files.

70. Purpose of the <noscript> tag in HTML?

- <noscript> provides content for non-JavaScript enabled browsers.

71. Describe the defer attribute in the <script> tag.

- defer delays script execution until HTML parsing

completes. 72. Explain the async attribute in the

<script> tag.

- async allows script execution without blocking HTML parsing.

73. Purpose of the <iframe> tag in HTML?

- <iframe> embeds external content within a webpage.

74. Describe the sandbox attribute in the

<iframe> tag. - sandbox restricts iframe content for security.

75. Purpose of the <datalist> tag in HTML?

- <datalist> offers predefined options for input fields.

76. Explain the autocomplete attribute in form elements. - autocomplete controls form field autocomplete behavior.

77. Describe the <figure> and <figcaption> tags' purpose. - <figure> encapsulates content with an optional caption.

78. Purpose of the <meter> tag in HTML?

- <meter> visually represents measurements within a range.

79. Describe the purpose of the <time> tag in HTML. - <time> specifies dates, times, or durations in content.

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