

WEB AND MOBILE APPLICATION DEVELOPMENT

MULTICHOICE QUESTION POOL

Duration: Try under 60 minutes

1. What does HTML stand for?

- A. Hyper Transfer Markup Language
- B. Hyper Text Markup Language
- C. High Technology Markup Language
- D. Hyperlink and Text Markup Language

2. Which programming language is primarily used for styling web pages?

- A. JavaScript
- B. HTML
- C. CSS
- D. PHP

3. Which of the following elements is used to create an ordered list in HTML?

A.

B.

C.

D. <dl>

4. What does CSS stand for?

A. Cascading Style Sheet

B. Computer Style Sheet

C. Colorful Style Sheet

D. Creative Style Sheet

5. Which HTML tag is used to create a hyperlink?

A. <link>

B. <a>

C. <href>

D. <url>

6. What is the purpose of the alt attribute in an HTML img tag?

A. It sets the image's alignment.

B. It defines the image's size.

C. It provides alternative text for the image.

D. It changes the image's color.

7. What does the CSS property "padding" control?

- A. Text spacing within an element
- B. The distance between border and margin
- C. Element's width
- D. The background color of an element

8. Which HTML element is used for creating a table?

- A. <table>
- B. <div>
- C. <section>
- D. <p>

9. Which CSS property is used to change the text color of an element?

- A. font-color
- B. text-color
- C. color
- D. text-style

10. What is the role of the <head> element in an HTML document?

- A. It defines the main content of the page.
- B. It contains metadata about the document.
- C. It specifies the layout of the page.
- D. It creates links to other web pages.

11. What is the primary purpose of the Internet?

- A. To send and receive emails
- B. To share photos and videos
- C. To facilitate global communication and information exchange
- D. To play online games

12. Which organization is responsible for developing web standards like HTML and CSS?

- A. IETF (Internet Engineering Task Force)
- B. W3C (World Wide Web Consortium)
- C. IEEE (Institute of Electrical and Electronics Engineers)
- D. ISO (International Organization for Standardization)

13. What does "W3C" stand for?

- A. World Wide Web Community
- B. World Web Consortium
- C. World Wide Web Committee
- D. World Wide Web Consortium

14. Which HTML tag is used to create an external link to another website?

- A. <external>
- B. <link>
- C. <a>
- D. <web>

15. In CSS, which property is used to control the spacing between letters in a text?

- A. letter-spacing
- B. word-spacing
- C. line-height
- D. text-indent

16. What is the purpose of the HTML <meta> tag?

- A. It defines a section of metadata for a webpage.
- B. It creates hyperlinks to other web pages.
- C. It embeds multimedia content.
- D. It specifies the document type.

17. In CSS, what property is used to change the color of text?

- A. background-color
- B. color
- C. text-color
- D. font-color

18. Which CSS selector targets all <p> elements within a <div> element with the class "container"?

- A. .container p
- B. div .p
- C. div + p
- D. #container p

19. What is the correct way to comment out multiple lines in HTML?

- A. <!-- This is a comment -->
- B. /* This is a comment */
- C. // This is a comment
- D. # This is a comment #

20. Which of the following is not a valid HTTP status code?

- A. 200 OK
- B. 404 Not Found
- C. 500 Internal Server Error
- D. 300 Multiple Choices

21. What does the CSS property "margin: 0 auto;" do when applied to an element?

- A. Centers the element horizontally within its container
- B. Adds a margin on all sides of the element
- C. Aligns the element to the left of its container
- D. Centers the element vertically within its container

22. What does the acronym "URL" stand for?

- A. Uniform Resource Locator
- B. Universal Rendering Language
- C. Unique Resource Link
- D. Uniform Rendering Locator

23. What is the primary function of the <form> element in HTML?

- A. To define a list of options in a dropdown menu
- B. To create a hyperlink to another web page
- C. To create a container for user input fields
- D. To define a section of metadata for a webpage

24. In the context of web development and diversity and inclusion, what does "ARIA" stand for?

- A. American Rehabilitation Integration Act
- B. Accessibility and Representation in Internet Applications
- C. Application Rendering Integration for Accessibility
- D. Accessibility Rich Internet Applications

25. Which HTML tag is used to create an ordered list (numbered list)?

- A.
- B.
- C.
- D. <list>

26. In CSS, what property is used to control the spacing between the content and the border of an element?

- A. padding
- B. margin
- C. border-spacing
- D. spacing

27. What is the purpose of the "viewport" meta tag in HTML?

- A. It defines the colors for a webpage.
- B. It specifies the language of the document.
- C. It sets the initial zoom level and width of the viewport for mobile devices.
- D. It creates a link to external resources.

28. Which HTML tag is used to create a clickable button on a webpage?

- A. <button>
- B. <clickable>
- C. <link>
- D. <input>

29. In CSS, which property is used to make text appear in all uppercase letters?

- A. text-transform: capitalize
- B. text-transform: uppercase
- C. text-transform: lowercase
- D. text-transform: normal

30. What does the HTML acronym "HTTP" stand for?

- A. Hyperlink Transfer Text Protocol
- B. Hypertext Transfer Protocol
- C. Hyperlink Text Transmission Protocol
- D. Hypertext Text Transfer Protocol

31. Which CSS property is used to change the style of an underline beneath a link?

- A. text-underline-style
- B. text-decoration
- C. text-underline-decoration
- D. link-decoration-style

32. In web development, what is the purpose of the HTML <header> element?

- A. To create a navigation menu
- B. To define a section of metadata for a webpage
- C. To represent a container for introductory content or a set of navigational links
- D. To insert an image at the top of a webpage

33. What is the primary role of the "box-sizing" property in CSS?

- A. To control the size of text boxes
- B. To define the dimensions of a container
- C. To specify the size of an image
- D. To adjust how the width and height of elements are calculated

34. In the context of web development and diversity and inclusion, what does "color contrast" refer to?

- A. The variety of colors used on a website
- B. The balance between text and images on a webpage
- C. The difference in brightness and color between text and its background
- D. The emotional impact of color choices on user experience

35. What is the purpose of the HTML <iframe> element?

- A. To create a clickable link
- B. To define a section of metadata for a webpage
- C. To embed another web page within the current page
- D. To style the text on a webpage

36. In web development, what is the purpose of the HTML <footer> element?

- A. To create a horizontal line on a webpage
- B. To insert an image at the bottom of a webpage
- C. To represent a container for concluding content or contact information
- D. To define a section of metadata for a webpage

37. What does the HTML5 <nav> element represent?

- A. A section that contains navigation links
- B. A specific navigation bar at the top of the webpage
- C. A horizontal line separating sections
- D. A type of list

38. In web development, what is the purpose of the "viewport"?

- A. A specific type of image file
- B. The user's visible area of a webpage in a web browser
- C. A type of hyperlink
- D. A mobile application

39. Which CSS property is used to control the alignment of text within an element?

- A. text-indent
- B. text-align
- C. text-spacing
- D. text-center

40. In web development, what is the primary function of the HTML <aside> element?

- A. To create a footer for a webpage
- B. To represent a container for main content
- C. To define a section of metadata for a webpage
- D. To present content that is tangentially related to the content around it

41. In web development, what is the purpose of the "alt" attribute in an HTML element?

- A. To add a caption to the image
- B. To specify the image's source URL
- C. To define the image's width and height
- D. To provide alternative text for the image for accessibility

42. What does the CSS property "display: none;" do to an element?

- A. Makes the element transparent
- B. Hides the element, and it takes up no space in the layout
- C. Centers the element within its container
- D. Makes the element appear in block format

43. In HTML, what is the purpose of the <label> element?

- A. To create a clickable link
- B. To define a section of metadata for a webpage
- C. To provide a caption for form elements like input fields
- D. To format text within a webpage

44. Which CSS property is used to change the size of font icons?

- A. font-size
- B. icon-size
- C. image-size
- D. text-size

45. In web development, what is the purpose of the HTML <section> element?

- A. To create a list of items
- B. To define a section of metadata for a webpage
- C. To represent a thematic grouping of content within a webpage
- D. To insert a video into a webpage

46. What does the HTML5 <video> element allow you to do?

- A. Create an interactive game on a webpage
- B. Embed video content into a webpage
- C. Add audio effects to a webpage
- D. Display 3D graphics

47. Which HTML tag is used to create a line break within a paragraph or text?

- A. <break>
- B. <lb>

C. <line>

D.

48. In CSS, which property is used to change the spacing between letters in a text?

A. letter-spacing

B. text-spacing

C. font-spacing

D. word-spacing

49. What is the primary purpose of the HTML <table> element?

A. To create a list of items

B. To structure and display tabular data

C. To define a section of metadata for a webpage

D. To insert a video into a webpage

50. In web development, what is the purpose of the HTML <main> element?

A. To create a footer for a webpage

B. To insert an image at the top of a webpage

C. To represent the main content area of a webpage

D. To define a section of metadata for a webpage

51. What does the CSS property "position: absolute;" do to an element?

A. Makes the element scrollable

B. Places the element relative to its parent container or the nearest positioned ancestor

C. Removes the element from the document flow

D. Centers the element within its container

52. What does "UX" stand for in the context of web and mobile application development?

- A. User Experience
- B. User Expectations
- C. User Exploration
- D. User Execution

53. Which programming language is commonly used for developing Android mobile applications?

- A. Swift
- B. Java
- C. C#
- D. Python

54. In web development, what is the purpose of a "cookie"?

- A. To be eaten by the client
- B. To securely authenticate users
- C. To track user interactions and store small pieces of data on the client's side
- D. To be eaten by the server

55. What is a "responsive web design"?

- A. A design style that uses bright colors and large fonts
- B. A design approach that adapts to various screen sizes and devices
- C. A design philosophy focused on user interactions
- D. A design technique for creating 3D web elements

56. Which of the following is not a commonly used version control system for software development?

- A. Git
- B. Subversion
- C. Mercurial
- D. Photoshop

57. What is the primary function of a content management system (CMS) in web development?

- A. To design user interfaces
- B. To host websites on a server
- C. To manage, publish, and organize digital content
- D. To perform load testing on web applications

58. What is "cross-platform development" in mobile app development?

- A. Creating apps that can run on multiple platforms, such as iOS and Android, with a single codebase
- B. Designing apps that work on older devices
- C. Developing apps that are only compatible with specific platforms
- D. Creating apps that run in web browsers only

59. What is the purpose of API (Application Programming Interface) in mobile app development?

- A. To manage user accounts and profiles
- B. To display advertisements within the app
- C. To provide a set of rules and protocols for interactions with other software components
- D. To encrypt app data for security purposes

60. What does the term "native app" refer to in the context of mobile application development?

- A. An app that can run on any platform
- B. An app developed using web technologies like HTML and JavaScript
- C. An app that is specifically built for a particular operating system (e.g., iOS or Android)
- D. An app that requires a constant internet connection to function