

**1. Question: What is the purpose of the <a> tag in HTML?**

- A) Add an image to the page
- B) Define a hyperlink
- C) Create a table
- D) Style text as bold

**2. Question: Which attribute is used to specify the URL of an external stylesheet in HTML?**

- A) `url`
- B) `src`
- C) `link`
- D) `href`

**3. Question: What is the purpose of the media query in CSS?**

- A) Embed media files in a web page
- B) Define the layout for different devices and screen sizes
- C) Create animations
- D) Specify font styles for text

**4. Question: Which CSS property is used to change the text color of an element?**

- A) `text-color`
- B) `color`
- C) `text-style`
- D) `font-color`

**5. Question: How can you select an element with the id "header" in CSS?**

- A) `#header`
- B) `.header`
- C) `$header`
- D) `header`

**6. Question: What does the `box-sizing` property in CSS control?**

- A) Element visibility
- B) Element positioning
- C) Element size calculation
- D) Element rotation

**7. Question: Which CSS property is used to set the background color of an element?**

- A) `background-color`
- B) `color-background`
- C) `bg-color`
- D) `background`

**8. Question: What is the purpose of the `float` property in CSS?**

- A) Add animation to an element
- B) Position an element to the left or right of its container
- C) Apply a shadow to text
- D) Make an element transparent

**9. Question: Which CSS property is used for controlling the spacing between lines of text within an element?**

- A) `line-height`
- B) `text-spacing`
- C) `line-spacing`
- D) `text-line`

**10. Question: What is the purpose of the `z-index` property in CSS?**

- A) Set the font size of an element
- B) Specify the stacking order of positioned elements
- C) Control the letter spacing in text
- D) Define the order of element visibility

**11. Question: Which CSS property is used to apply a border to an element?**

- A) `border-style`
- B) `border-color`
- C) `border`
- D) `element-border`

**12. Question: Which built-in function is used to print content to the console in JavaScript?**

- A) `print()`
- B) `echo()`
- C) `log()`
- D) `write()`

**13. Question: What is JavaScript primarily used for in web development?**

- A) Server-side scripting
- B) Database management
- C) Client-side scripting
- D) Network protocols

**14. Question: What does the term "callback function" refer to in JavaScript?**

- A) A function that calls another function
- B) A function passed as an argument to another function
- C) A function with no return statement
- D) A function defined inside another function

**15. Question: What does the `this` keyword refer to in JavaScript?**

- A) The current function
- B) The global object
- C) The calling object
- D) A reserved keyword