**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

**Answer: B) Define a hyperlink**

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

* A) **url**
* B) **src**
* C) **link**
* D) **href**

**Answer: 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**

**Answer: B)**

**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**

**Answer: B) color**

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

* A) **#header**
* B) **.header**
* C) **$header**
* D) **header**

**Answer: A) #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

**Answer: C) Element size calculation**

**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**

**Answer: A) background-color**

**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

**Answer: B) Position an element to the left or right of its container**

**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**

**Answer: A) line-height**

**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

**Answer: B) Specify the stacking order of positioned elements**

**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**

**Answer: C) 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()**

**Answer: C) log()**

**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

**Answer: C) Client-side scripting**

**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

**Answer: B) A function passed as an argument to 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

**Answer: C) The calling object**