**Multiple Choice Questions HTML, CSS, and JavaScript**

**HTML Questions**

1. **What does HTML stand for?**
   * A) Hyper Text Markup Language
   * B) High Text Markup Language
   * C) Hyperlink and Text Markup Language
   * D) Hyper Text Markup Link
2. **Which tag is used to create a hyperlink in HTML?**
   * A) <link>
   * B) <a>
   * C) <href>
   * D) <url>
3. **What is the correct HTML element for the largest heading?**
   * A) <h6>
   * B) <heading>
   * C) <h1>
   * D) <h0>
4. **Which HTML attribute is used to define inline styles?**
   * A) class
   * B) styles
   * C) style
   * D) font
5. **Which of the following elements is a block-level element?**
   * A) <span>
   * B) <div>
   * C) <a>
   * D) <img>
6. **How do you create a list in HTML?**
   * A) <list>
   * B) <ul> or <ol>
   * C) <item>
   * D) <li>
7. **What is the purpose of the <meta> tag in HTML?**
   * A) To add images
   * B) To define metadata
   * C) To create links
   * D) To insert scripts
8. **Which tag is used to define an image in HTML?**
   * A) <image>
   * B) <img>
   * C) <src>
   * D) <picture>
9. **What does the alt attribute in the <img> tag do?**
   * A) Defines an image's source
   * B) Specifies an alternative text
   * C) Sets the image's size
   * D) Links to another page
10. **Which HTML tag is used to define an interactive form control?**
    * A) <form>
    * B) <input>
    * C) <button>
    * D) All of the above

**CSS Questions**

1. **What does CSS stand for?**
   * A) Cascading Style Sheets
   * B) Colorful Style Sheets
   * C) Computer Style Sheets
   * D) Creative Style Sheets
2. **Which property is used to change the font of an element in CSS?**
   * A) font-weight
   * B) font-style
   * C) font-family
   * D) text-font
3. **How do you apply a CSS style to an HTML element?**
   * A) By using the class attribute
   * B) By using the id attribute
   * C) By using a style block or external stylesheet
   * D) All of the above
4. **Which CSS property controls the text size?**
   * A) text-size
   * B) font-size
   * C) text-style
   * D) font-style
5. **Which of the following is a valid CSS selector?**
   * A) .class
   * B) #id
   * C) element
   * D) All of the above
6. **In CSS, how would you select all <p> elements with the class "example"?**
   * A) p.example
   * B) .example p
   * C) p#example
   * D) #example p
7. **What is the default value of the position property in CSS?**
   * A) fixed
   * B) absolute
   * C) relative
   * D) static
8. **Which property is used to change the background color of an element?**
   * A) background-color
   * B) color
   * C) bg-color
   * D) background
9. **What does the z-index property do in CSS?**
   * A) Sets the opacity of an element
   * B) Sets the stacking order of elements
   * C) Sets the text size
   * D) Sets the margin  
     **Answer:** B
10. **Which of the following is used to create a CSS comment?**
    * A) // comment
    * B) <!-- comment -->
    * C) /\* comment \*/
    * D) # comment

**JavaScript Questions**

1. **What does JavaScript primarily do?**
   * A) Style web pages
   * B) Create animations
   * C) Add interactivity to web pages
   * D) Manage databases
2. **Which symbol is used for comments in JavaScript?**
   * A) //
   * B) \*\*
   * C) <!--
   * D) ##
3. **What is the correct syntax to declare a variable in JavaScript?**
   * A) variable name;
   * B) var name;
   * C) declare name;
   * D) new name;
4. **Which method is used to parse a string into an integer in JavaScript?**
   * A) parseInt()
   * B) int()
   * C) parseInteger()
   * D) number()
5. **What does the === operator do in JavaScript?**
   * A) Compares two values for equality
   * B) Compares two values for equality and type
   * C) Assigns a value
   * D) None of the above
6. **Which of the following is a JavaScript data type?**
   * A) String
   * B) Number
   * C) Boolean
   * D) All of the above
7. **What is the output of console.log(typeof "Hello")?**
   * A) string
   * B) String
   * C) text
   * D) "Hello"
8. **Which function is used to prompt the user for input in JavaScript?**
   * A) prompt()
   * B) alert()
   * C) input()
   * D) confirm()
9. **How do you create a function in JavaScript?**
   * A) function myFunction() {}
   * B) function:myFunction() {}
   * C) myFunction() = function {}
   * D) create function myFunction() {}
10. **What will console.log(0 == '0') output?**
    * A) true
    * B) false
    * C) undefined
    * D) NaN
11. **Which of the following is a correct way to create an array in JavaScript?**
    * A) var arr = [1, 2, 3];
    * B) var arr = (1, 2, 3);
    * C) var arr = {1, 2, 3};
    * D) var arr = <1, 2, 3>;
12. **What does the push() method do in an array?**
    * A) Adds an element to the end of an array
    * B) Removes the last element of an array
    * C) Sorts the array
    * D) Reverses the array
13. **Which of the following is used to select an element by its ID in JavaScript?**
    * A) document.getElementById()
    * B) document.querySelector()
    * C) document.getElementByClassName()
    * D) document.selectElement()
14. **What is a closure in JavaScript?**
    * A) A function within another function
    * B) A way to hide variables
    * C) A block of code that runs after an event
    * D) Both A and B
15. **What will typeof null return in JavaScript?**
    * A) object
    * B) null
    * C) undefined
    * D) any
16. **What does JSON stand for?**
    * A) JavaScript Object Notation
    * B) JavaScript Online Notation
    * C) Java Standard Object Notation
    * D) None of the above
17. **Which keyword is used to define a constant in JavaScript?**
    * A) const
    * B) let
    * C) var
    * D) define
18. **What is the purpose of the async keyword in JavaScript?**
    * A) To define a synchronous function
    * B) To define an asynchronous function
    * C) To make a function execute immediately
    * D) To pause a function
19. **How do you prevent the default action of an event in JavaScript?**
    * A) event.preventDefault()
    * B) event.stop()
    * C) event.cancel()
    * D) event.stopPropagation()
20. **Which of the following methods can be used to make an HTTP request in JavaScript?**
    * A) fetch()
    * B) XMLHttpRequest
    * C) Both A and B
    * D) None of the above