

HTML Questions (1-10):

1. What does HTML stand for?
 - a. Hyper Text Markup Language
 - b. High-level Text Markup Language
 - c. Hyper Transfer Markup Language
 - d. Hyperlink and Text Markup Language

2. Which HTML tag is used to define an unordered list?
 - a.
 - b.
 - c.
 - d. <list>

3. In HTML, what does the
 tag represent?
 - a. Bold
 - b. Break
 - c. Bullet
 - d. Block

4. What is the correct way to comment in HTML?
 - a. <!-- This is a comment -->
 - b. // This is a comment //
 - c. /* This is a comment */
 - d. -- This is a comment --

5. Which HTML tag is used to create a hyperlink?
 - a. <link>
 - b. <a>
 - c. <hlink>
 - d. <hyper>

6. What does CSS stand for?
 - a. Computer Style Sheets
 - b. Creative Style Sheets
 - c. Cascading Style Sheets
 - d. Colorful Style Sheets

7. In CSS, how do you select an element with id "example"?
 - a. #example
 - b. .example
 - c. element.example
 - d. /example

8. Which CSS property is used to change the text color of an element?
 - a. text-color
 - b. color
 - c. font-color
 - d. text-style

9. What does the JavaScript function `document.getElementById("myElement")` do?
 - a. Gets the class name of an element
 - b. Gets the tag name of an element
 - c. Gets the first element with the specified id
 - d. Gets all elements with the specified id

10. What is the purpose of the `addEventListener` method in JavaScript?
 - a. To create a new event
 - b. To remove an event
 - c. To execute a function when an event occurs
 - d. To add a style to an element when an event occurs

JavaScript Questions (11-20):

11. What is the result of the expression `"5" + 2` in JavaScript?
 - a. 7
 - b. 52
 - c. "52"
 - d. Error

12. How do you declare a variable in JavaScript?
 - a. `var x;`
 - b. `variable x;`
 - c. `x = var;`
 - d. `declare x;`

13. What does the typeof operator in JavaScript return for the boolean data type?

- a. "number"
- b. "boolean"
- c. "string"
- d. "undefined"

14. How do you write an if statement in JavaScript?

- a. if x = 5
- b. if x == 5
- c. if (x = 5)
- d. if (x == 5)

15. What is the purpose of the for loop in JavaScript?

- a. To create a function
- b. To execute a block of code repeatedly
- c. To define a variable
- d. To change the page URL

16. Which of the following is a valid way to comment in JavaScript?

- a. // This is a comment
- b. /* This is a comment */
- c. -- This is a comment --
- d. All of the above

17. What does the Array.push() method do in JavaScript?

- a. Removes the last element from an array
- b. Adds a new element to the end of an array
- c. Reverses the order of elements in an array
- d. Finds the index of a specific element in an array

18. How do you access the length of an array in JavaScript?

- a. array.length
- b. length(array)
- c. array.size
- d. size(array)

19. What is the purpose of the return statement in a JavaScript function?
- a. To end the execution of a function
 - b. To return a value from a function
 - c. To define a new function
 - d. To loop through an array
20. What is the role of the console.log() function in JavaScript?
- a. To display output to the user
 - b. To log messages to the server
 - c. To print output to the console
 - d. To clear the console

CSS Questions (21-30):

21. What is the purpose of the CSS property margin?
- a. Sets the inner spacing of an element
 - b. Sets the outer spacing of an element
 - c. Sets the background color of an element
 - d. Sets the border color of an element
22. How do you center a block-level element horizontally in CSS?
- a. text-align: center;
 - b. margin: auto;
 - c. align: center;
 - d. position: center;
23. What is the default value of the CSS position property?
- a. static
 - b. relative
 - c. absolute
 - d. fixed
24. Which CSS selector is used to select all elements of a specific type?
- a. .class
 - b. #id
 - c. * (asterisk)
 - d. element

25. What is the purpose of the CSS z-index property?
- a. Sets the opacity of an element
 - b. Defines the stacking order of positioned elements
 - c. Changes the font size of an element
 - d. Adjusts the letter spacing of an element
26. What does the CSS property display: none; do?
- a. Hides an element
 - b. Shows an element
 - c. Formats text as bold
 - d. Centers an element
27. Which CSS property is used to add a shadow to an element?
- a. shadow-effect
 - b. box-shadow
 - c. text-shadow
 - d. element-shadow
28. How can you include an external CSS file in an HTML document?
- a. `<style src="style.css">`
 - b. `<link rel="stylesheet" href="style.css">`
 - c. `<script type="text/css" src="style.css"></script>`
 - d. `<css href="style.css">`
29. What is the purpose of the CSS property float?
- a. Adds floating elements to the page
 - b. Clears the float of an element
 - c. Sets the width of an element
 - d. Positions an element absolutely
30. Which CSS property is used to set the background color of an element?
- a. background-color
 - b. color
 - c. background
 - d. bg-color

MySQL Questions (31-50):

31. What does DDL stand for in MySQL?

- a. Data Definition Language
- b. Data Description Language
- c. Data Division Language
- d. Data Development Language

32. Which MySQL statement is used to change the name of a table?

- a. ALTER TABLE
- b. RENAME TABLE
- c. MODIFY TABLE
- d. CHANGE TABLE

33. What does DML stand for in MySQL?

- a. Data Management Language
- b. Data Modification Language
- c. Data Manipulation Language
- d. Data Modeling Language

34. Which MySQL statement is used to insert new data into a table?

- a. INSERT INTO
- b. ADD DATA
- c. ADD INTO
- d. UPDATE TABLE

35. In MySQL, what does the WHERE clause do in a SELECT statement?

- a. Specifies the columns to be selected
- b. Specifies the values to be updated
- c. Filters the rows to be returned
- d. Joins multiple tables

36. What is the purpose of the MySQL ORDER BY clause?

- a. Groups the result set
- b. Sorts the result set
- c. Filters the result set
- d. Aggregates the result set

37. Which MySQL statement is used to delete data from a table?

- a. REMOVE FROM

- b. DELETE FROM
- c. DROP FROM
- d. ERASE FROM

38. What does the MySQL INNER JOIN clause do?

- a. Returns only unmatched rows from both tables
- b. Returns all rows from both tables
- c. Returns only matched rows from both tables
- d. Joins tables based on a condition

39. Which MySQL statement is used to update data in a table?

- a. UPDATE
- b. MODIFY
- c. CHANGE
- d. ALTER

40. What is the purpose of the MySQL GROUP BY clause?

- a. Groups the result set based on a column
- b. Filters the result set based on a condition
- c. Sorts the result set based on a column
- d. Joins multiple tables

41. Which MySQL statement is used to remove a table from the database?

- a. DELETE TABLE
- b. DROP TABLE
- c. REMOVE TABLE
- d. ERASE TABLE

42. What does the MySQL LEFT JOIN clause do?

- a. Returns only unmatched rows from both tables
- b. Returns all rows from the left table and the matched rows from the right table
- c. Returns only matched rows from both tables
- d. Joins tables based on a condition

43. What does the ALTER TABLE statement do in MySQL?

- a. Adds a new table to the database
- b. Modifies the structure of an existing table

- c. Drops a table from the database
- d. Renames a table

44. In MySQL, what does the HAVING clause do in a SELECT statement?

- a. Specifies the columns to be selected
- b. Specifies the values to be updated
- c. Filters the rows to be returned
- d. Filters the result set based on a condition

45. Which MySQL statement is used to add a new column to a table?

- a. ADD COLUMN
- b. INSERT COLUMN
- c. MODIFY COLUMN
- d. CREATE COLUMN

46. What does the MySQL RIGHT JOIN clause do?

- a. Returns only unmatched rows from both tables
- b. Returns all rows from the right table and the matched rows from the left table
- c. Returns only matched rows from both tables
- d. Joins tables based on a condition

47. Which MySQL statement is used to create a new database?

- a. CREATE DATABASE
- b. ADD DATABASE
- c. MAKE DATABASE
- d. INSERT DATABASE

48. What does the MySQL UNION operator do?

- a. Combines the result set of two or more SELECT statements
- b. Adds two or more tables together
- c. Finds the common elements between two tables
- d. Divides the result set into subsets

49. In MySQL, what is the purpose of the LIMIT clause in a SELECT statement?

- a. Limits the number of rows returned in the result set
- b. Limits the number of columns returned in the result set
- c. Limits the number of tables in the database

- d. Limits the number of characters in a column

50. Which MySQL statement is used to change the data type of a column?

- a. ALTER TYPE
- b. CHANGE TYPE
- c. MODIFY TYPE
- d. CONVERT TYPE