**HTML Questions (1-10):**

1. What does HTML stand for?
   1. Hyper Text Markup Language
   2. High-level Text Markup Language
   3. Hyper Transfer Markup Language
   4. Hyperlink and Text Markup Language
2. Which HTML tag is used to define an unordered list?
   1. <ul>
   2. <ol>
   3. <li>
   4. <list>
3. In HTML, what does the <br> tag represent?
   1. Bold
   2. Break
   3. Bullet
   4. Block
4. What is the correct way to comment in HTML?
   1. <!-- This is a comment -->
   2. // This is a comment //
   3. /\* This is a comment \*/
   4. -- This is a comment --
5. Which HTML tag is used to create a hyperlink?
   1. <link>
   2. <a>
   3. <hlink>
   4. <hyper>
6. What does CSS stand for?
   1. Computer Style Sheets
   2. Creative Style Sheets
   3. Cascading Style Sheets
   4. Colorful Style Sheets
7. In CSS, how do you select an element with id "example"?
   1. #example
   2. .example
   3. element.example
   4. /example
8. Which CSS property is used to change the text color of an element?
   1. text-color
   2. color
   3. font-color
   4. text-style
9. What does the JavaScript function document.getElementById("myElement") do?
   1. Gets the class name of an element
   2. Gets the tag name of an element
   3. Gets the first element with the specified id
   4. Gets all elements with the specified id
10. What is the purpose of the addEventListener method in JavaScript?
    1. To create a new event
    2. To remove an event
    3. To execute a function when an event occurs
    4. To add a style to an element when an event occurs

**JavaScript Questions (11-20):**

1. What is the result of the expression "5" + 2 in JavaScript?
   1. 7
   2. 52
   3. "52"
   4. Error
2. How do you declare a variable in JavaScript?
   1. var x;
   2. variable x;
   3. x = var;
   4. declare x;
3. What does the typeof operator in JavaScript return for the boolean data type?
   1. "number"
   2. "boolean"
   3. "string"
   4. "undefined"
4. How do you write an if statement in JavaScript?
   1. if x = 5
   2. if x == 5
   3. if (x = 5)
   4. if (x == 5)
5. What is the purpose of the for loop in JavaScript?
   1. To create a function
   2. To execute a block of code repeatedly
   3. To define a variable
   4. To change the page URL
6. Which of the following is a valid way to comment in JavaScript?
   1. // This is a comment
   2. /\* This is a comment \*/
   3. -- This is a comment --
   4. All of the above
7. What does the Array.push() method do in JavaScript?
   1. Removes the last element from an array
   2. Adds a new element to the end of an array
   3. Reverses the order of elements in an array
   4. Finds the index of a specific element in an array
8. How do you access the length of an array in JavaScript?
   1. array.length
   2. length(array)
   3. array.size
   4. size(array)
9. What is the purpose of the return statement in a JavaScript function?
   1. To end the execution of a function
   2. To return a value from a function
   3. To define a new function
   4. To loop through an array
10. What is the role of the console.log() function in JavaScript?
    1. To display output to the user
    2. To log messages to the server
    3. To print output to the console
    4. To clear the console

**CSS Questions (21-30):**

1. What is the purpose of the CSS property margin?
   1. Sets the inner spacing of an element
   2. Sets the outer spacing of an element
   3. Sets the background color of an element
   4. Sets the border color of an element
2. How do you center a block-level element horizontally in CSS?
   1. text-align: center;
   2. margin: auto;
   3. align: center;
   4. position: center;
3. What is the default value of the CSS position property?
   1. static
   2. relative
   3. absolute
   4. fixed
4. Which CSS selector is used to select all elements of a specific type?
   1. .class
   2. #id
   3. \* (asterisk)
   4. element
5. What is the purpose of the CSS z-index property?
   1. Sets the opacity of an element
   2. Defines the stacking order of positioned elements
   3. Changes the font size of an element
   4. Adjusts the letter spacing of an element
6. What does the CSS property display: none; do?
   1. Hides an element
   2. Shows an element
   3. Formats text as bold
   4. Centers an element
7. Which CSS property is used to add a shadow to an element?
   1. shadow-effect
   2. box-shadow
   3. text-shadow
   4. element-shadow
8. How can you include an external CSS file in an HTML document?
   1. <style src="style.css">
   2. <link rel="stylesheet" href="style.css">
   3. <script type="text/css" src="style.css"></script>
   4. <css href="style.css">
9. What is the purpose of the CSS property float?
   1. Adds floating elements to the page
   2. Clears the float of an element
   3. Sets the width of an element
   4. Positions an element absolutely
10. Which CSS property is used to set the background color of an element?
    1. background-color
    2. color
    3. background
    4. bg-color

**MySQL Questions (31-50):**

1. What does DDL stand for in MySQL?
   1. Data Definition Language
   2. Data Description Language
   3. Data Division Language
   4. Data Development Language
2. Which MySQL statement is used to change the name of a table?
   1. ALTER TABLE
   2. RENAME TABLE
   3. MODIFY TABLE
   4. CHANGE TABLE
3. What does DML stand for in MySQL?
   1. Data Management Language
   2. Data Modification Language
   3. Data Manipulation Language
   4. Data Modeling Language
4. Which MySQL statement is used to insert new data into a table?
   1. INSERT INTO
   2. ADD DATA
   3. ADD INTO
   4. UPDATE TABLE
5. In MySQL, what does the WHERE clause do in a SELECT statement?
   1. Specifies the columns to be selected
   2. Specifies the values to be updated
   3. Filters the rows to be returned
   4. Joins multiple tables
6. What is the purpose of the MySQL ORDER BY clause?
   1. Groups the result set
   2. Sorts the result set
   3. Filters the result set
   4. Aggregates the result set
7. Which MySQL statement is used to delete data from a table?
   1. REMOVE FROM
   2. DELETE FROM
   3. DROP FROM
   4. ERASE FROM
8. What does the MySQL INNER JOIN clause do?
   1. Returns only unmatched rows from both tables
   2. Returns all rows from both tables
   3. Returns only matched rows from both tables
   4. Joins tables based on a condition
9. Which MySQL statement is used to update data in a table?
   1. UPDATE
   2. MODIFY
   3. CHANGE
   4. ALTER
10. What is the purpose of the MySQL GROUP BY clause?
    1. Groups the result set based on a column
    2. Filters the result set based on a condition
    3. Sorts the result set based on a column
    4. Joins multiple tables
11. Which MySQL statement is used to remove a table from the database?
    1. DELETE TABLE
    2. DROP TABLE
    3. REMOVE TABLE
    4. ERASE TABLE
12. What does the MySQL LEFT JOIN clause do?
    1. Returns only unmatched rows from both tables
    2. Returns all rows from the left table and the matched rows from the right table
    3. Returns only matched rows from both tables
    4. Joins tables based on a condition
13. What does the ALTER TABLE statement do in MySQL?
    1. Adds a new table to the database
    2. Modifies the structure of an existing table
    3. Drops a table from the database
    4. Renames a table
14. In MySQL, what does the HAVING clause do in a SELECT statement?
    1. Specifies the columns to be selected
    2. Specifies the values to be updated
    3. Filters the rows to be returned
    4. Filters the result set based on a condition
15. Which MySQL statement is used to add a new column to a table?
    1. ADD COLUMN
    2. INSERT COLUMN
    3. MODIFY COLUMN
    4. CREATE COLUMN
16. What does the MySQL RIGHT JOIN clause do?
    1. Returns only unmatched rows from both tables
    2. Returns all rows from the right table and the matched rows from the left table
    3. Returns only matched rows from both tables
    4. Joins tables based on a condition
17. Which MySQL statement is used to create a new database?
    1. CREATE DATABASE
    2. ADD DATABASE
    3. MAKE DATABASE
    4. INSERT DATABASE
18. What does the MySQL UNION operator do?
    1. Combines the result set of two or more SELECT statements
    2. Adds two or more tables together
    3. Finds the common elements between two tables
    4. Divides the result set into subsets
19. In MySQL, what is the purpose of the LIMIT clause in a SELECT statement?
    1. Limits the number of rows returned in the result set
    2. Limits the number of columns returned in the result set
    3. Limits the number of tables in the database
    4. Limits the number of characters in a column
20. Which MySQL statement is used to change the data type of a column?
    1. ALTER TYPE
    2. CHANGE TYPE
    3. MODIFY TYPE
    4. CONVERT TYPE

**Solutions :**

**1. a, 2. a, 3. b, 4. a, 5. b, 6. c, 7. a, 8. b, 9. c, 10. c,**

**11. c, 12. a, 13. b, 14. d, 15. b, 16. d, 17. b, 18. a, 19. b, 20. c,**

**21. b, 22. b, 23. a, 24. d, 25. b, 26. a, 27. b, 28. b, 29. a, 30. a,**

**31. a, 32. b, 33. b, 34. a, 35. c, 36. b, 37. b, 38. c, 39. a, 40. a,**

**41. b, 42. b, 43. b, 44. d, 45. a, 46. b, 47. a, 48. a, 49. a, 50. c.**