

Quiz Set – 50 Multiple Choice Questions (English)

1. What is the purpose of the `<meta charset="UTF-8">` tag in HTML?
 - A) Defines the character encoding
 - B) Adds metadata for SEO
 - C) Links external CSS
 - D) Embeds JavaScript
2. Which CSS property is used to change the text color?
 - A) `background-color`
 - B) `color`
 - C) `font-color`
 - D) `text-color`
3. How do you write a comment in CSS?
 - A) `<!-- comment -->`
 - B) `/* comment */`
 - C) `// comment`
 - D) `# comment`
4. What is the correct syntax to declare a variable in JavaScript?
 - A) `variable x = 10;`
 - B) `var x = 10;`
 - C) `v x = 10;`
 - D) `let x 10;`
5. Which method converts a JavaScript object to a JSON string?
 - A) `JSON.stringify()`
 - B) `JSON.parse()`
 - C) `JSON.toString()`
 - D) `toJSON()`
6. In Node.js, which module is used to work with file systems?
 - A) `http`
 - B) `fs`
 - C) `url`
 - D) `path`

7. What HTTP method is used to submit form data?
 - A) GET
 - B) POST
 - C) PUT
 - D) DELETE
8. Which status code indicates that the requested resource was not found?
 - A) 200
 - B) 301
 - C) 404
 - D) 500
9. What is the purpose of the CSS `z-index` property?
 - A) To control stacking order of elements
 - B) To change font size
 - C) To set element width
 - D) To add padding
10. How do you make a website responsive?
 - A) Use fixed pixel widths
 - B) Use media queries
 - C) Disable JavaScript
 - D) Use tables
11. What is the correct way to declare a function in JavaScript?
 - A) `function myFunc() {}`
 - B) `func myFunc() {}`
 - C) `declare myFunc() {}`
 - D) `def myFunc() {}`
12. Which HTTP header controls caching behavior?
 - A) `Cache-Control`
 - B) `Content-Type`
 - C) `Authorization`
 - D) `Accept`
13. What does the SQL command `SELECT * FROM users WHERE age > 18;` do?
 - A) Selects all users aged exactly 18
 - B) Selects users older than 18
 - C) Deletes users younger than 18
 - D) Updates users aged 18
14. Which CSS property is used to create space inside an element?
 - A) Margin
 - B) Padding
 - C) Border

D) Outline

15. What does the JavaScript `typeof` operator return for an array?

- A) "array"
- B) "object"
- C) "list"
- D) "collection"

16. How do you import a default export from a module in ES6?

- A) `import { myModule } from './module';`
- B) `import myModule from './module';`
- C) `require('myModule');`
- D) `export myModule from './module';`

17. Which Node.js package manager is the most popular?

- A) npm
- B) yarn
- C) bower
- D) composer

18. How do you add a new element to the end of an array in JavaScript?

- A) `array.push(element);`
- B) `array.add(element);`
- C) `array.insert(element);`
- D) `array.append(element);`

19. Which method sends a response in Express.js?

- A) `res.send()`
- B) `res.write()`
- C) `res.push()`
- D) `res.get()`

20. What SQL keyword is used to filter results based on a condition?

- A) WHERE
- B) HAVING
- C) FILTER
- D) CONDITION

21. What is the main purpose of HTTPS?

- A) Faster data transfer
- B) Encrypt data transfer
- C) Compress data
- D) Authenticate users

22. Which HTML attribute specifies an alternative text for an image?

- A) `alt`
- B) `title`
- C) `src`
- D) `href`

23. Which CSS unit is relative to the font size of the root element?

- A) `px`
- B) `em`
- C) `rem`
- D) `%`

24. How do you declare a block-scoped variable in JavaScript?

- A) `var`
- B) `let`
- C) `const`
- D) Both B and C

25. What event is fired when a user submits a form?

- A) `onclick`
- B) `onsubmit`
- C) `onchange`
- D) `onload`

26. How do you parse a JSON string into a JavaScript object?

- A) `JSON.parse()`
- B) `JSON.stringify()`
- C) `JSON.toObject()`
- D) `JSON.convert()`

27. What is middleware in Express.js?

- A) Functions that have access to request and response objects
- B) Database models
- C) Static file servers
- D) Error handlers only

28. Which SQL statement creates a new table?

- A) `CREATE TABLE`
- B) `NEW TABLE`
- C) `MAKE TABLE`
- D) `ADD TABLE`

29. What CSS property controls the font size?

- A) `font-size`
- B) `text-size`

- C) `font-style`
- D) `text-font`

30. What does the `async` keyword do in JavaScript?

- A) Declares a function that returns a Promise
- B) Declares a synchronous function
- C) Marks a variable as constant
- D) Imports a module asynchronously

31. Which HTML element is used to create a drop-down list?

- A) `<select>`
- B) `<input>`
- C) `<option>`
- D) `<dropdown>`

32. Which method is used to remove the last element from an array in JavaScript?

- A) `pop()`
- B) `remove()`
- C) `shift()`
- D) `delete()`

33. What is the purpose of the HTTP `Authorization` header?

- A) To specify credentials for authentication
- B) To specify the content type
- C) To redirect the client
- D) To cache resources

34. Which JavaScript statement creates a new object?

- A) `const obj = {};`
- B) `const obj = [];`
- C) `const obj = ();`
- D) `const obj = "";`

35. How can you prevent default browser behavior in JavaScript event handling?

- A) `event.preventDefault()`
- B) `event.stopPropagation()`
- C) `return false`
- D) `event.cancel()`

36. What is the output of `console.log(typeof NaN);`?

- A) "number"
- B) "NaN"
- C) "undefined"

D) "object"

37. How do you handle exceptions in JavaScript?

- A) Using try-catch blocks
- B) Using if-else statements
- C) Using for loops
- D) Using switch statements

38. What HTTP status code indicates a server error?

- A) 200
- B) 404
- C) 500
- D) 301

39. How do you apply a class to an HTML element?

- A) `<div class="myClass"></div>`
- B) `<div id="myClass"></div>`
- C) `<div class="myClass" />`
- D) `<div className="myClass"></div>`

40. Which property is used in CSS to change the background color?

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

41. What command initializes a new Git repository?

- A) `git init`
- B) `git start`
- C) `git create`
- D) `git new`

42. Which HTML tag defines a hyperlink?

- A) `<link>`
- B) `<a>`
- C) `<href>`
- D) `<url>`

43. What is the correct way to write a conditional statement in JavaScript?

- A) `if (condition) { ... }`
- B) `if condition then { ... }`
- C) `if: (condition) { ... }`
- D) `if condition { ... }`

44. How do you make an HTTP POST request in JavaScript using Fetch API?
- A) `fetch(url, { method: 'POST' })`
 - B) `fetch.post(url)`
 - C) `fetch(url).post()`
 - D) `fetch.post(url, data)`
45. Which CSS property controls the visibility of an element without removing it from the layout?
- A) `display: none`
 - B) `visibility: hidden`
 - C) `opacity: 0`
 - D) `hidden: true`
46. What is the correct way to write a for loop in JavaScript?
- A) `for(let i=0; i<5; i++) { ... }`
 - B) `for(i=0; i<5; i++) { ... }`
 - C) `foreach(i in 5) { ... }`
 - D) `loop i=0 to 5 { ... }`
47. Which HTTP method is used to partially update a resource?
- A) POST
 - B) PUT
 - C) PATCH
 - D) DELETE
48. What does the SQL keyword `GROUP BY` do?
- A) Groups rows sharing a property so aggregate functions can be applied
 - B) Sorts rows by a column
 - C) Filters rows based on a condition
 - D) Joins two tables
49. How do you write a single-line comment in JavaScript?
- A) `// comment`
 - B) `<!-- comment -->`
 - C) `/* comment */`
 - D) `# comment`
50. Which HTML element is used to define a section that contains navigation links?
- A) `<nav>`
 - B) `<section>`
 - C) `<div>`
 - D) `<menu>`

Lösungen Set 12

1. A

2. B

3. B

4. C

5. A

6. B

7. B

8. C

9. A

10. B

11. A

12. A

13. B

14. B

15. B

16. B

17. A

18. A

19. A

20. A

21. B

22. A

23. C

24. D

25. B

26. A

27. A

28. A

29. A

30. A

31. A

32. A

33. A

34. A

35. A

36. A

37. A

38. C

39. A

40. C

41. A

42. B

43. A

44. A

45. B

46. A

47. C

48. A

49. A

50. A