

JavaScript MCQs

1. What is the output of the following code?

```
console.log(10 + "5");
```

- ☐ a) 15
- ☐ b) 105
- ☐ c) Error
- ☐ d) NaN

Answer: b) 105

2. Which of the following is not a valid JavaScript data type?

- ☐ a) String
- ☐ b) Number
- ☐ c) Float
- ☐ d) Object

Answer: c) Float

3. Which operator is used to assign a value to a variable?

- ☐ a) *
- ☐ b) =
- ☐ c) -
- ☐ d) ==

Answer: b) =

4. How can you add a comment in JavaScript?

- ☐ a) // This is a comment
- ☐ b) # This is a comment
- ☐ c) /* This is a comment */
- ☐ d) Both a and c

Answer: d) Both a and c

5. What does the typeof operator return?

- ☐ a) The type of a variable
- ☐ b) The value of a variable
- ☐ c) The length of a string
- ☐ d) The size of a variable

Answer: a) The type of a variable

6. Which method is used to find the length of a string?

- ☐ a) length()
- ☐ b) getLength()
- ☐ c) size()
- ☐ d) None of the above

Answer: a) length()

7. Which function is used to parse a string to an integer in JavaScript?

- ☐ a) toInt()
- ☐ b) parseInt()
- ☐ c) integer()
- ☐ d) parseInteger()

Answer: b) parseInt()

8. Which method would you use to remove the last element from an array?

- ☐ a) pop()
- ☐ b) shift()
- ☐ c) slice()
- ☐ d) splice()

Answer: a) pop()

9. Which of the following is used to declare a variable in JavaScript?

- ☐ a) var
- ☐ b) let
- ☐ c) const
- ☐ d) All of the above

Answer: d) All of the above

10. Which of the following is the correct syntax to create a function in JavaScript?

- ☐ a) function = myFunction()
- ☐ b) function myFunction()
- ☐ c) function:myFunction()
- ☐ d) myFunction() = function()

Answer: b) function myFunction()

11. Which of the following methods is used to add a new element at the end of an array in JavaScript?

- ☐ a) push()
- ☐ b) pop()
- ☐ c) unshift()
- ☐ d) shift()

Answer: a) push()

12. Which of the following methods is used to remove the first element of an array in JavaScript?

- ☐ a) shift()
- ☐ b) pop()
- ☐ c) splice()
- ☐ d) unshift()

Answer: a) shift()

13. Which of the following JavaScript events occurs when the user clicks on an HTML element?

- ☐ a) onmouseover
- ☐ b) onfocus
- ☐ c) onclick
- ☐ d) onchange

Answer: c) onclick

14. What will the following code output?

```
var x = 10;  
var y = 5;  
var z = x > y ? "True" : "False";  
console.log(z);
```

- ☐ a) 10
- ☐ b) True
- ☐ c) False
- ☐ d) Error

Answer: b) True

15. What does NaN stand for in JavaScript?

- ☐ a) Not a Node
- ☐ b) Not a Number
- ☐ c) Null a Number
- ☐ d) Not a Negative

Answer: b) Not a Number

16. What will be the output of the following JavaScript code?
console.log(0 == false);

- ☐ a) true
- ☐ b) false
- ☐ c) 0
- ☐ d) Error

Answer: a) true

17. Which method is used to find the index of an element in an array?

- ☐ a) indexOf()
- ☐ b) findIndex()
- ☐ c) getIndex()
- ☐ d) locate()

Answer: a) indexOf()

18. Which of the following is used to add an event listener in JavaScript?

- ☐ a) addEvent()
- ☐ b) attachEvent()
- ☐ c) addEventListener()
- ☐ d) eventListener()

Answer: c) addEventListener()

19. How do you define an object in JavaScript?

- ☐ a) var person = { }
- ☐ b) var person = []
- ☐ c) var person = ()
- ☐ d) var person = ""

Answer: a) var person = { }

- ☐ d) Executes the code when the browser is loaded

Answer: a) Executes the code when the DOM is fully loaded

25. Which of the following jQuery methods is used to add content to the end of an element?

- ☐ a) append()
- ☐ b) prepend()
- ☐ c) appendTo()
- ☐ d) prependTo()

Answer: a) append()

26. How can you get the value of an input field using jQuery?

- ☐ a) \$(input).val()
- ☐ b) \$(input).get()
- ☐ c) \$(input).value()
- ☐ d) \$(input).text()

Answer: a) \$(input).val()

27. Which jQuery method is used to bind an event handler to an element?

- ☐ a) bind()
- ☐ b) addEventListener()
- ☐ c) attach()
- ☐ d) on()

Answer: a) bind()

28. Which method in jQuery is used to remove an element from the DOM?

- ☐ a) remove()
- ☐ b) delete()
- ☐ c) discard()
- ☐ d) unbind()

Answer: a) remove()

29. Which of the following is used to change the CSS of an element in jQuery?

- ☐ a) .style()
- ☐ b) .css()
- ☐ c) .setCss()
- ☐ d) .changeCss()

Answer: b) .css()

30. Which jQuery method is used to add a class to an element?

- ☐ a) addClass()
- ☐ b) classAdd()
- ☐ c) insertClass()
- ☐ d) appendClass()

Answer: a) addClass()

jQuery MCQs

21. Which of the following is used to select an element with the class "myClass" in jQuery?

- ☐ a) \$("myClass")
- ☐ b) \$(".myClass")
- ☐ c) #myClass
- ☐ d) jQuery(".myClass")

Answer: b) \$(".myClass")

22. How do you hide an element using jQuery?

- ☐ a) \$(element).hide()
- ☐ b) \$(element).invisible()
- ☐ c) \$(element).disappear()
- ☐ d) \$(element).remove()

Answer: a) \$(element).hide()

23. Which jQuery function is used to display an element?

- ☐ a) show()
- ☐ b) display()
- ☐ c) reveal()
- ☐ d) appear()

Answer: a) show()

24. What does the jQuery \$(document).ready() function do?

- ☐ a) Executes the code when the DOM is fully loaded
- ☐ b) Runs the code when the page is visible
- ☐ c) Waits for the user to click a button

Additional JavaScript & jQuery Questions

31. Which of the following jQuery functions is used to toggle the visibility of an element?

- ☐ a) showHide()
- ☐ b) toggle()
- ☐ c) flip()
- ☐ d) switchVisibility()

Answer: b) toggle()

32. Which of the following methods in jQuery is used to loop over a collection of elements?

- ☐ a) each()
- ☐ b) forEach()
- ☐ c) iterate()
- ☐ d) loop()

Answer: a) each()

33. What does the \$.ajax() function in jQuery do?

- ☐ a) Loads external content
- ☐ b) Performs an asynchronous HTTP request
- ☐ c) Sets up a form submission
- ☐ d) Creates an HTML element

Answer: b) Performs an asynchronous HTTP request

34. Which method in jQuery is used to stop an ongoing animation?

- ☐ a) stop()
- ☐ b) pause()
- ☐ c) halt()
- ☐ d) resume()

Answer: a) stop()

35. Which of the following is used to prevent the default action of an event in jQuery?

- ☐ a) preventDefault()
- ☐ b) stopPropagation()
- ☐ c) preventAction()
- ☐ d) cancelEvent()

Answer: a) preventDefault()

36. Which of the following methods is used to get the first child of an element in jQuery?

- ☐ a) .first()
- ☐ b) .child()
- ☐ c) .firstChild()
- ☐ d) .children()

Answer: a) .first()

37. Which of the following jQuery methods is used to check if an element is hidden or not?

- ☐ a) isHidden()
- ☐ b) isVisible()
- ☐ c) visible()
- ☐ d) .is(":hidden")

Answer: d) .is(":hidden")

38. Which of the following functions in jQuery is used to trigger an event?

- ☐ a) trigger()
- ☐ b) fireEvent()
- ☐ c) dispatch()
- ☐ d) callEvent()

Answer: a) trigger()

39. Which jQuery method is used to change the HTML content of an element?

- ☐ a) .html()
- ☐ b) .setHTML()
- ☐ c) .innerHTML()
- ☐ d) .setInnerHTML()

Answer: a) .html()

40. Which of the following is used to select elements by their ID in jQuery?

- ☐ a) \$(#id)
- ☐ b) \$(id)
- ☐ c) \$("id")
- ☐ d) .id()

Answer: a) \$(#id)

41. What is the purpose of the this keyword in JavaScript?

- ☐ a) It refers to the current object
- ☐ b) It refers to the global object
- ☐ c) It refers to the previous object
- ☐ d) It refers to a function

Answer: a) It refers to the current object

42. What is the value of x after executing the following code?

```
var x = 5;  
x++;
```

- ☐ a) 4
- ☐ b) 5
- ☐ c) 6
- ☐ d) NaN

Answer: c) 6

43. What will the following code output?

```
console.log(5 == "5");
```

- ☐ a) true
- ☐ b) false
- ☐ c) NaN
- ☐ d) Error

Answer: a) true

44. How do you create a new object in JavaScript?

- ☐ a) var obj = new Object();
- ☐ b) var obj = { };
- ☐ c) Both a and b
- ☐ d) var obj = Object.create();

Answer: c) Both a and b

45. What will be the result of the following code?

```
var a = "10";  
var b = 10;  
console.log(a === b);
```

- ☐ a) true
- ☐ b) false
- ☐ c) undefined
- ☐ d) NaN

Answer: b) false

46. What is the output of the following JavaScript code?

```
var x = "Hello";  
var y = "World";  
console.log(x + " " + y);
```

- ☐ a) Hello World
- ☐ b) "Hello World"

- ☐ c) undefined
- ☐ d) Error

Answer: a) Hello World

47. Which of the following is the correct syntax for a switch statement?

- ☐ a) switch(expression) { case x: break; }
- ☐ b) switch(expression) { case x: break; }
- ☐ c) switch(expression) { case x: }
- ☐ d) switch { expression: x, break; }

Answer: a) switch(expression) { case x: break; }

48. Which of the following is used to invoke a constructor function in JavaScript?

- ☐ a) new
- ☐ b) constructor()
- ☐ c) function()
- ☐ d) init()

Answer: a) new

49. Which of the following is the correct way to access the first element of an array in JavaScript?

- ☐ a) array[0]
- ☐ b) array(0)
- ☐ c) array.first()
- ☐ d) array.get(0)

Answer: a) array[0]

50. How do you write an infinite loop in JavaScript?

- ☐ a) while(true) { }
- ☐ b) for(;;) { }
- ☐ c) Both a and b
- ☐ d) None of the above

Answer: c) Both a and b

51. Which method is used to stop the propagation of an event in JavaScript?

- ☐ a) preventDefault()
- ☐ b) stopPropagation()
- ☐ c) cancelEvent()
- ☐ d) event.stop()

Answer: b) stopPropagation()

52. Which JavaScript method is used to remove an item from a specific index of an array?

- ☐ a) pop()
- ☐ b) splice()
- ☐ c) shift()
- ☐ d) remove()

Answer: b) splice()

53. What is the use of the eval() function in JavaScript?

- ☐ a) Evaluates JavaScript code represented as a string
- ☐ b) Evaluates mathematical expressions
- ☐ c) Evaluates conditions for loops
- ☐ d) Evaluates the performance of functions

Answer: a) Evaluates JavaScript code represented as a string

54. What is the output of the following code?

```
var x = 5;
```

```
var y = x++;
console.log(y);
```

- ☐ a) 5
- ☐ b) 6
- ☐ c) NaN
- ☐ d) Undefined

Answer: a) 5

55. What does the setTimeout() function do in JavaScript?

- ☐ a) Sets a timer to execute a function after a specified delay
- ☐ b) Sets a timer for continuous execution
- ☐ c) Pauses the execution of the script
- ☐ d) Clears a timeout

Answer: a) Sets a timer to execute a function after a specified delay

Additional jQuery MCQs

61. Which of the following jQuery methods is used to create a new element?

- ☐ a) append()
- ☐ b) createElement()
- ☐ c) \$("<element>")
- ☐ d) create()

Answer: c) \$("<element>")

62. Which method in jQuery is used to animate an element?

- ☐ a) animate()
- ☐ b) motion()
- ☐ c) move()
- ☐ d) slide()

Answer: a) animate()

63. How do you add a CSS style to an element using jQuery?

- ☐ a) \$(element).style("color: red")
- ☐ b) \$(element).css("color", "red")
- ☐ c) \$(element).setCss("color: red")
- ☐ d) \$(element).setStyle("color", "red")

Answer: b) \$(element).css("color", "red")

64. How do you select all elements with the class "active" in jQuery?

- ☐ a) \$(".active")
- ☐ b) \$("active")
- ☐ c) \$(.active)
- ☐ d) .active()

Answer: a) \$(".active")

65. Which method in jQuery is used to get the number of elements matched by a selector?

- ☐ a) count()
- ☐ b) size()
- ☐ c) length()
- ☐ d) number()

Answer: c) length()

66. Which of the following is the correct way to change the HTML content of a <div> element using jQuery?

- ☐ a) \$(div).innerHTML("new content")
- ☐ b) \$(div).html("new content")
- ☐ c) \$(div).setHTML("new content")
- ☐ d) \$(div).content("new content")

Answer: b) \$(div).html("new content")

67. Which jQuery function is used to check if an element is visible?

- ☐ a) .visible()
- ☐ b) .is(":visible")
- ☐ c) .display()
- ☐ d) .checkVisibility()

Answer: b) .is(":visible")

68. What is the jQuery method used to change the background color of an element?

- ☐ a) .backgroundColor()
- ☐ b) .setBgColor()
- ☐ c) .css("background-color", "color")
- ☐ d) .color()

Answer: c) .css("background-color", "color")

69. Which of the following jQuery methods is used to remove a class from an element?

- ☐ a) removeClass()
- ☐ b) deleteClass()
- ☐ c) clearClass()
- ☐ d) eraseClass()

Answer: a) removeClass()

70. Which of the following jQuery methods is used to hide an element?

- ☐ a) hideElement()
- ☐ b) remove()
- ☐ c) .hide()
- ☐ d) disappear()

Answer: c) .hide()

71. How do you set the value of an input field using jQuery?

- ☐ a) \$(input).value("new value")
- ☐ b) \$(input).text("new value")
- ☐ c) \$(input).attr("value", "new value")
- ☐ d) \$(input).val("new value")

Answer: d) \$(input).val("new value")

72. Which jQuery method is used to add content to the beginning of an element?

- ☐ a) prepend()
- ☐ b) prependTo()
- ☐ c) append()
- ☐ d) appendTo()

Answer: a) prepend()

73. How can you check if an element has a specific class using jQuery?

- ☐ a) .hasClass("classname")
- ☐ b) .containsClass("classname")
- ☐ c) .checkClass("classname")
- ☐ d) .getClass("classname")

Answer: a) .hasClass("classname")

74. Which of the following methods is used to stop an event in jQuery?

- ☐ a) stop()
- ☐ b) stopEvent()
- ☐ c) preventDefault()
- ☐ d) preventAction()

Answer: c) preventDefault()

76. Which of the following statements is true about JavaScript functions?

- ☐ a) Functions can return multiple values
- ☐ b) Functions are invoked using the function name followed by parentheses
- ☐ c) Functions cannot accept parameters
- ☐ d) Functions are only available in the browser

Answer: b) Functions are invoked using the function name followed by parentheses

77. Which of the following is used to create an anonymous function in JavaScript?

- ☐ a) function() {}
- ☐ b) function myFunction() {}
- ☐ c) function = () => {}
- ☐ d) Both a and c

Answer: d) Both a and c

78. Which of the following data types are supported by JavaScript?

- ☐ a) Number, String, Boolean
- ☐ b) Object, Undefined, Null
- ☐ c) Function, Symbol
- ☐ d) All of the above

Answer: d) All of the above

79. What is the default value of a variable declared with let and not initialized?

- ☐ a) null
- ☐ b) undefined
- ☐ c) 0
- ☐ d) NaN

Answer: b) undefined

80. Which of the following is true about JavaScript arrays?

- ☐ a) Arrays in JavaScript can only store elements of the same data type
- ☐ b) Arrays have a fixed size
- ☐ c) Arrays in JavaScript are dynamic and can store different data types
- ☐ d) Arrays are used for object-oriented programming only

Answer: c) Arrays in JavaScript are dynamic and can store different data types

81. Which operator is used to assign a value to a variable in JavaScript?

- ☐ a) =
- ☐ b) ==
- ☐ c) ===
- ☐ d) :=

Answer: a) =

82. What does the typeof operator in JavaScript do?

- ☐ a) Returns the data type of a variable
- ☐ b) Returns the length of a variable
- ☐ c) Returns the variable's value
- ☐ d) Returns a Boolean value

Answer: a) Returns the data type of a variable

83. **Which of the following is correct about var, let, and const in JavaScript?**

- ☐ a) var is block-scoped, let and const are function-scoped
- ☐ b) let and const are block-scoped, var is function-scoped
- ☐ c) var is only used in loops
- ☐ d) let is used for global variables

Answer: b) let and const are block-scoped, var is function-scoped

84. **Which method is used to join two or more arrays in JavaScript?**

- ☐ a) merge()
- ☐ b) concat()
- ☐ c) join()
- ☐ d) combine()

Answer: b) concat()

85. **What does the slice() method do in JavaScript?**

- ☐ a) Removes an element from an array
- ☐ b) Returns a portion of an array as a new array
- ☐ c) Joins elements of an array into a string
- ☐ d) Modifies the original array

Answer: b) Returns a portion of an array as a new array

86. **Which JavaScript keyword is used to prevent reassignment of a variable?**

- ☐ a) let
- ☐ b) const
- ☐ c) var
- ☐ d) final

Answer: b) const

87. **What is the output of the following code?**
`console.log(2 + "2");`

- ☐ a) 4
- ☐ b) 22
- ☐ c) 2
- ☐ d) NaN

Answer: b) 22

88. **Which of the following functions is used to parse a string and convert it into an integer in JavaScript?**

- ☐ a) parseFloat()
- ☐ b) parseInt()
- ☐ c) convert()
- ☐ d) toNumber()

Answer: b) parseInt()

89. **What is the purpose of the bind() method in JavaScript?**

- ☐ a) To bind an event to an element
- ☐ b) To set the value of a property
- ☐ c) To bind a function to a specific context

- ☐ d) To bind an array to an object

Answer: c) To bind a function to a specific context

90. **What is the result of the following operation in JavaScript?**
`10 + "10"`

- ☐ a) 20
- ☐ b) 1010
- ☐ c) "10 + 10"
- ☐ d) NaN

Answer: b) 1010

91. **Which of the following methods can be used to stop a loop from continuing in JavaScript?**

- ☐ a) break
- ☐ b) stop
- ☐ c) continue
- ☐ d) exit

Answer: a) break

92. **What does the JSON.parse() method do?**

- ☐ a) Converts a JavaScript object into a JSON string
- ☐ b) Parses a JSON string and converts it into a JavaScript object
- ☐ c) Converts a JavaScript object into an array
- ☐ d) Parses a JavaScript object into a string

Answer: b) Parses a JSON string and converts it into a JavaScript object

93. **What will the following code output?**

```
let obj = {name: "John", age: 30};
console.log(Object.keys(obj));
```

- ☐ a) {name: "John", age: 30}
- ☐ b) ["name", "age"]
- ☐ c) ["John", 30]
- ☐ d) undefined

Answer: b) ["name", "age"]

94. **Which of the following is used to remove an element from an array in JavaScript?**

- ☐ a) delete()
- ☐ b) remove()
- ☐ c) splice()
- ☐ d) pop()

Answer: c) splice()

95. **Which of the following JavaScript methods is used to find the index of a specific element in an array?**

- ☐ a) indexOf()
- ☐ b) getIndex()
- ☐ c) findIndex()
- ☐ d) searchIndex()

Answer: a) indexOf()

96. **Which of the following is a correct way to comment in JavaScript?**

- ☐ a) <!-- comment -->
- ☐ b) // comment
- ☐ c) /* comment */
- ☐ d) Both b and c

Answer: d) Both b and c

97. **What is the purpose of the setInterval() method in JavaScript?**
- ☐ a) To execute a function after a specified delay
 - ☐ b) To execute a function repeatedly after a specified interval
 - ☐ c) To cancel a previously set interval
 - ☐ d) To execute a function only once

Answer: b) To execute a function repeatedly after a specified interval

98. **Which of the following is used to change the HTML content of an element using jQuery?**
- ☐ a) \$(element).text()
 - ☐ b) \$(element).setContent()
 - ☐ c) \$(element).html()
 - ☐ d) \$(element).setHTML()

Answer: c) \$(element).html()