**JavaScript MCQs**

1. **What is the output of the following code?**

console.log(10 + "5");

o a) 15

o b) 105

o c) Error

o d) NaN

**Answer**: b) 105

2. **Which of the following is not a valid JavaScript data type?** o a) String

o b) Number

o c) Float

o d) Object

**Answer**: c) Float

3. **Which operator is used to assign a value to a variable?** o a) \*

o b) =

o c) -

o d) ==

**Answer**: b) =

4. **How can you add a comment in JavaScript?**

o a) // This is a comment

o b) # This is a comment

o c) /\* This is a comment \*/

o d) Both a and c

**Answer**: d) Both a and c

5. **What does the typeof operator return?**

o a) The type of a variable

o b) The value of a variable

o c) The length of a string

o 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?** o a) length()

o b) getLength()

o c) size()

o d) None of the above

**Answer**: a) length()

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

o a) toInt()

o b) parseInt()

o c) integer()

o d) parseInteger()

**Answer**: b) parseInt()

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

o a) pop()

o b) shift()

o c) slice()

o d) splice()

**Answer**: a) pop()

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

o a) var

o b) let

o c) const

o 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?**

o a) function = myFunction()

o b) function myFunction()

o c) function:myFunction()

o 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?**

o a) push()

o b) pop()

o c) unshift()

o d) shift()

**Answer**: a) push()

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

o a) shift()

o b) pop()

o c) splice()

o d) unshift()

**Answer**: a) shift()

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

o a) onmouseover

o b) onfocus

o c) onclick

o 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);

o a) 10

o b) True

o c) False

o d) Error

**Answer**: b) True

15. **What does NaN stand for in JavaScript?**

o a) Not a Node

o b) Not a Number

o c) Null a Number

o d) Not a Negative

**Answer**: b) Not a Number

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

o a) true

o b) false

o c) 0

o d) Error

**Answer**: a) true

17. **Which method is used to find the index of an element in an array?**o a) indexOf()

o b) findIndex()

o c) getIndex()

o d) locate()

**Answer**: a) indexOf()

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

o a) addEvent()

o b) attachEvent()

o c) addEventListener()

o d) eventListener()

**Answer**: c) addEventListener()

19. **How do you define an object in JavaScript?**

o a) var person = {}

o b) var person = []

o c) var person = ()

o d) var person = ""

**Answer**: a) var person = {}

**jQuery MCQs**

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

o a) $("myClass")

o b) $(".myClass")

o c) #myClass

o d) jQuery(".myClass")

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

22. **How do you hide an element using jQuery?**

o a) $(element).hide()

o b) $(element).invisible()

o c) $(element).disappear()

o d) $(element).remove()

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

23. **Which jQuery function is used to display an element?** o a) show()

o b) display()

o c) reveal()

o d) appear()

**Answer**: a) show()

24. **What does the jQuery $(document).ready() function do?** o a) Executes the code when the DOM is fully loaded o b) Runs the code when the page is visible

o c) Waits for the user to click a button

o 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?**

o a) append()

o b) prepend()

o c) appendTo()

o d) prependTo()

**Answer**: a) append()

26. **How can you get the value of an input field using jQuery?** o a) $(input).val()

o b) $(input).get()

o c) $(input).value()

o d) $(input).text()

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

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

o a) bind()

o b) addEventListener()

o c) attach()

o d) on()

**Answer**: a) bind()

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

o a) remove()

o b) delete()

o c) discard()

o d) unbind()

**Answer**: a) remove()

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

o a) .style()

o b) .css()

o c) .setCss()

o d) .changeCss()

**Answer**: b) .css()

30. **Which jQuery method is used to add a class to an element?** o a) addClass()

o b) classAdd()

o c) insertClass()

o d) appendClass()

**Answer**: a) addClass()

**Additional JavaScript & jQuery Questions**

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

o a) showHide()

o b) toggle()

o c) flip()

o d) switchVisibility()

**Answer**: b) toggle()

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

o a) each()

o b) forEach()

o c) iterate()

o d) loop()

**Answer**: a) each()

33. **What does the $.ajax() function in jQuery do?** o a) Loads external content

o b) Performs an asynchronous HTTP request

o c) Sets up a form submission

o d) Creates an HTML element

**Answer**: b) Performs an asynchronous HTTP request

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

o a) stop()

o b) pause()

o c) halt()

o d) resume()

**Answer**: a) stop()

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

o a) preventDefault()

o b) stopPropagation()

o c) preventAction()

o d) cancelEvent()

**Answer**: a) preventDefault()

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

o a) .first()

o b) .child()

o c) .firstChild()

o d) .children()

**Answer**: a) .first()

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

o a) isHidden()

o b) isVisible()

o c) visible()

o d) .is(":hidden")

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

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

o a) trigger()

o b) fireEvent()

o c) dispatch()

o d) callEvent()

**Answer**: a) trigger()

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

o a) .html()

o b) .setHTML()

o c) .innerHTML()

o d) .setInnerHTML()

**Answer**: a) .html()

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

o a) $(#id)

o b) $(id)

o c) $("id")

o d) .id()

**Answer**: a) $(#id)

41. **What is the purpose of the this keyword in JavaScript?** o a) It refers to the current object

o b) It refers to the global object

o c) It refers to the previous object

o 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++;

o a) 4

o b) 5

o c) 6

o d) NaN

**Answer**: c) 6

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

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

o a) true

o b) false

o c) NaN

o d) Error

**Answer**: a) true

44. **How do you create a new object in JavaScript?** o a) var obj = new Object();

o b) var obj = {};

o c) Both a and b

o 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);

o a) true

o b) false

o c) undefined

o 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);

o a) Hello World

o b) "Hello World"

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o c) undefined

o d) Error

**Answer**: a) Hello World

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

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

o b) switch(expression) { case x: break;}

o c) switch(expression) { case x: }

o 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?**

o a) new

o b) constructor()

o c) function()

o d) init()

**Answer**: a) new

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

o a) array[0]

o b) array(0)

o c) array.first()

o d) array.get(0)

**Answer**: a) array[0]

50. **How do you write an infinite loop in JavaScript?** o a) while(true) {}

o b) for(;;) {}

o c) Both a and b

o 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?**

o a) preventDefault()

o b) stopPropagation()

o c) cancelEvent()

o d) event.stop()

**Answer**: b) stopPropagation()

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

o a) pop()

o b) splice()

o c) shift()

o d) remove()

**Answer**: b) splice()

53. **What is the use of the eval() function in JavaScript?** o a) Evaluates JavaScript code represented as a string o b) Evaluates mathematical expressions

o c) Evaluates conditions for loops

o 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);

o a) 5

o b) 6

o c) NaN

o d) Undefined

**Answer**: a) 5

55. **What does the setTimeout() function do in JavaScript?** o a) Sets a timer to execute a function after a specified delay

o b) Sets a timer for continuous execution

o c) Pauses the execution of the script

o 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?**

o a) append()

o b) createElement()

o c) $("<element>")

o d) create()

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

62. **Which method in jQuery is used to animate an element?** o a) animate()

o b) motion()

o c) move()

o d) slide()

**Answer**: a) animate()

63. **How do you add a CSS style to an element using jQuery?** o a) $(element).style("color: red")

o b) $(element).css("color", "red")

o c) $(element).setCss("color: red")

o d) $(element).setStyle("color", "red")

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

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

o a) $(".active")

o b) $("active")

o c) $(.active)

o d) .active()

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

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

o a) count()

o b) size()

o c) length()

o 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?**

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o a) $(div).innerHTML("new content")

o b) $(div).html("new content")

o c) $(div).setHTML("new content")

o d) $(div).content("new content")

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

67. **Which jQuery function is used to check if an element is visible?**o a) .visible()

o b) .is(":visible")

o c) .display()

o d) .checkVisibility()

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

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

o a) .backgroundColor()

o b) .setBgColor()

o c) .css("background-color", "color")

o d) .color()

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

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

o a) removeClass()

o b) deleteClass()

o c) clearClass()

o d) eraseClass()

**Answer**: a) removeClass()

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

o a) hideElement()

o b) remove()

o c) .hide()

o d) disappear()

**Answer**: c) .hide()

71. **How do you set the value of an input field using jQuery?** o a) $(input).value("new value")

o b) $(input).text("new value")

o c) $(input).attr("value", "new value")

o 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?**

o a) prepend()

o b) prependTo()

o c) append()

o d) appendTo()

**Answer**: a) prepend()

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

o a) .hasClass("classname")

o b) .containsClass("classname")

o c) .checkClass("classname")

o d) .getClass("classname")

**Answer**: a) .hasClass("classname")

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

o a) stop()

o b) stopEvent()

o c) preventDefault()

o d) preventAction()

**Answer**: c) preventDefault()

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

o a) Functions can return multiple values

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

o c) Functions cannot accept parameters

o 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?**

o a) function() {}

o b) function myFunction() {}

o c) function = () => {}

o d) Both a and c

**Answer**: d) Both a and c

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

o a) Number, String, Boolean

o b) Object, Undefined, Null

o c) Function, Symbol

o 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?**

o a) null

o b) undefined

o c) 0

o d) NaN

**Answer**: b) undefined

80. **Which of the following is true about JavaScript arrays?** o a) Arrays in JavaScript can only store elements of the same data type

o b) Arrays have a fixed size

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

o 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?**

o a) =

o b) ==

o c) ===

o d) :=

**Answer**: a) =

82. **What does the typeof operator in JavaScript do?**

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o a) Returns the data type of a variable

o b) Returns the length of a variable

o c) Returns the variable's value

o 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?**

o a) var is block-scoped, let and const are function scoped

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

o c) var is only used in loops

o 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?**

o a) merge()

o b) concat()

o c) join()

o d) combine()

**Answer**: b) concat()

85. **What does the slice() method do in JavaScript?** o a) Removes an element from an array

o b) Returns a portion of an array as a new array

o c) Joins elements of an array into a string

o 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?**

o a) let

o b) const

o c) var

o d) final

**Answer**: b) const

87. **What is the output of the following code?**

console.log(2 + "2");

o a) 4

o b) 22

o c) 2

o 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?**

o a) parseFloat()

o b) parseInt()

o c) convert()

o d) toNumber()

**Answer**: b) parseInt()

89. **What is the purpose of the bind() method in JavaScript?** o a) To bind an event to an element

o b) To set the value of a property

o c) To bind a function to a specific context

o 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"

o a) 20

o b) 1010

o c) "10 + 10"

o d) NaN

**Answer**: b) 1010

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

o a) break

o b) stop

o c) continue

o d) exit

**Answer**: a) break

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

o a) Converts a JavaScript object into a JSON string o b) Parses a JSON string and converts it into a

JavaScript object

o c) Converts a JavaScript object into an array

o 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));

o a) {name: "John", age: 30}

o b) ["name", "age"]

o c) ["John", 30]

o d) undefined

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

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

o a) delete()

o b) remove()

o c) splice()

o 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?**

o a) indexOf()

o b) getIndex()

o c) findIndex()

o d) searchIndex()

**Answer**: a) indexOf()

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

o a) <!-- comment -->

o b) // comment

o c) /\* comment \*/

o d) Both b and c

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**Answer**: d) Both b and c

97. **What is the purpose of the setInterval() method in JavaScript?**

o a) To execute a function after a specified delay o b) To execute a function repeatedly after a specified interval

o c) To cancel a previously set interval

o 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?**

o a) $(element).text()

o b) $(element).setContent()

o c) $(element).html()

o d) $(element).setHTML()

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

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