1. Which symbol is used as a shortcut for jQuery in code?

* A. $
* B. #
* C. @
* D. &

2. In jQuery, what does the $(document).ready() function do?

* A. It waits for the HTML to load.
* B. It waits for the CSS to load.
* C. It waits for the JavaScript to load.
* D. It waits for the entire web page to load.

3. How do you select all elements with the class name "example" in jQuery?

* A. select(".example")
* B. $("#example")
* C. $("example")
* D. $(".example")

4. Which jQuery method is used to hide an element?

* A. displayNone()
* B. hidden()
* C. hide()
* D. invisible()

5. What does the append() method do in jQuery?

* A. Adds a new element before an existing one.
* B. Adds a new element after an existing one.
* C. Appends an element as a child of another element.
* D. Removes an element from the DOM.

6. How do you animate an element's width in jQuery?

* A. animateWidth()
* B. widthAnimation()
* C. animate({width: "value"})
* D. width("value")

7. What does the text() method in jQuery do?

* A. Gets the text content of an element.
* B. Sets the text content of an element.
* C. Creates a new text element.
* D. Removes the text content of an element.

8. How do you select the first element in a set of matched elements using jQuery?

* A. first()
* B. getFirst()
* C. selectFirst()
* D. :first

9. Which event handler is used to perform an action when a button is clicked in jQuery?

* A. onMouseClick()
* B. clickHandler()
* C. on("click", ...)
* D. buttonClick()

10. How do you include jQuery in your HTML file?

* A. < script src="jquery.js" >< /script >
* B. < script >include.jquery()
* C. < include src="jquery.js">
* D. < link rel="stylesheet" href="jquery.css" >

11. What does the toggleClass() method in jQuery do?

* A. Adds or removes one or more classes from selected elements.
* B. Toggles between showing and hiding selected elements.
* C. Changes the text content of selected elements.
* D. Animates the transition of selected elements.

12. In jQuery, what is the purpose of the $.ajax() function?

* A. It fetches data from a server using a GET request.
* B. It sends data to a server using a POST request.
* C. It performs asynchronous HTTP requests.
* D. It is used for defining animation sequences.

13. How can you stop an ongoing animation in jQuery?

* A. pause()
* B. stop()
* C. end()
* D. break()

14. Which jQuery method is used to iterate over a set of elements?

* A. loop()
* B. iterate()
* C. each()
* D. forAll()

15. What is the purpose of the slideDown() method in jQuery?

* A. Slides an element to the left.
* B. Slides an element down to reveal it.
* C. Slides an element up to hide it.
* D. Slides an element to the right.

16. How can you prevent the default behavior of an event in jQuery?

* A. event.preventDefault()
* B. event.stopDefault()
* C. preventDefaultEvent()
* D. stopDefaultEvent()

17. Which jQuery method is used to set the HTML content of an element?

* A. html()
* B. setHTML()
* C. innerHTML()
* D. setContent()

18. What is the purpose of the fadeOut() method in jQuery?

* A. Fades an element in.
* B. Fades an element out.
* C. Adjusts the opacity of an element.
* D. Animates the width of an element.

19. How do you select all input elements with a specific attribute using jQuery?

* A. select('input[attribute]')
* B. $('input[attribute]')
* C. selectByAttribute('input')
* D. $('input').filterByAttribute('attribute')

20. What is the purpose of the serialize() method in jQuery?

* A. Converts a form's data into a JSON object.
* B. Serializes a string into an array.
* C. Converts form data into a query string.
* D. Serializes an array into a string.

21. What is the difference between .empty() and .remove() in jQuery when dealing with elements?

* A. .empty() removes the element and its content, while .remove() removes only the content.
* B. .empty() removes the content, while .remove() removes the element and its content.
* C. Both remove the element and its content.
* D. Both remove only the content.

22. In jQuery, what does the $.extend() function do?

* A. Merges two or more objects into one.
* B. Extends the execution time of an asynchronous operation.
* C. Adds new elements to an array.
* D. Extends the length of a string.

23. How can you create a custom animation sequence using the animate() method in jQuery?

* A. Using the sequence() function.
* B. By chaining multiple animate() calls.
* C. With the customAnimation() method.
* D. Using the animateSequence() function.

24. What is the purpose of the $.Deferred() object in jQuery?

* A. It represents a resolved promise.
* B. It provides a way to execute multiple functions in parallel.
* C. It allows for better handling of asynchronous operations.
* D. It creates a delay in the execution of code.

25. How do you make an AJAX request with a JSON payload using the $.ajax() function?

* A. Set the contentType option to "application/json".
* B. Use the jsonPayload property.
* C. Pass the JSON payload as a parameter to the $.ajax() function.
* D. Set the dataType option to "json".

26. What does the :visible selector do in jQuery?

* A. Selects all visible elements on the page.
* B. Selects elements with a specific visibility property.
* C. Selects all hidden elements on the page.
* D. Selects elements with a specific opacity.

27. How can you dynamically load an external script in jQuery?

* A. Using the loadScript() method.
* B. Using the includeScript() function.
* C. With the $.getScript() function.
* D. Using the loadExternal() method.

28. What is event delegation, and how is it achieved in jQuery?

* A. It is a way to delegate events to child elements, and it is achieved using the delegate() method.
* B. It is a way to delegate events to parent elements, and it is achieved using the on() method.
* C. It is a method for triggering events programmatically using the trigger() function.
* D. It is a way to handle multiple events simultaneously using the multiEvent() method.

29. How does the $.each() function differ from the .each() method in jQuery?

* A. $.each() is used for looping over arrays, while .each() is used for looping over objects.
* B. $.each() is a shorthand for .each().
* C. .each() is used for looping over arrays, while $.each() is used for looping over objects.
* D. There is no difference; they can be used interchangeably.

30. What is the purpose of the :not() selector in jQuery?

* A. It selects all elements except the specified ones.
* B. It selects only the first element in a set of matched elements.
* C. It is used for filtering based on element attributes.
* D. It is a special selector for targeting hidden elements.