### \*02 Marks Questions\*

1. \*What is jQuery?\*

jQuery is a fast, lightweight, and feature-rich JavaScript library designed to simplify HTML document traversal, event handling, animations, and AJAX interactions with a simple and easy-to-use API.

2. \*What is Un-Obstructive JavaScript?\*

Unobtrusive JavaScript refers to a method of separating JavaScript code from HTML content. It improves maintainability and accessibility by keeping the JavaScript code in separate files or inline script blocks instead of using inline event handlers in HTML.

3. \*What is jQuery used for?\*

jQuery is used for DOM manipulation, event handling, animations, AJAX calls, and creating dynamic web pages efficiently.

4. \*How is jQuery different from other JavaScript frameworks?\*

jQuery is a lightweight library, not a full-fledged framework. It simplifies JavaScript coding, offers cross-browser compatibility, and provides built-in functions for common tasks like animations, AJAX, and event handling, making it easier to use than many other frameworks.

5. \*What are events in jQuery?\*

Events in jQuery are actions or occurrences that can be detected and responded to, such as clicks, keypresses, mouse movements, form submissions, and more.

6. \*\*What is the use of the css() method in jQuery?\*\*

The css() method in jQuery is used to get or set the CSS properties of selected HTML elements dynamically.

7. \*What is the jQuery click event?\*

The click() event in jQuery is used to execute a function when an element (such as a button) is clicked.

8. \*What is CDN?\*

CDN (Content Delivery Network) is a network of distributed servers that deliver web content based on the user’s geographical location, reducing latency and improving load times. jQuery can be included in a webpage via a CDN for better performance.

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### \*\*4 Marks Questions \*\*

1. \*How is jQuery different from other JavaScript frameworks?\*

- jQuery is a library, not a full-fledged framework.

- It simplifies JavaScript programming with built-in functions for AJAX, animations, and event handling.

- Offers cross-browser compatibility.

- Lightweight compared to frameworks like Angular or React.

- Uses a simple, chainable syntax.

2. \*List some Features of jQuery.\*

- Cross-browser compatibility

- Lightweight and fast

- Built-in animations and effects

- AJAX support

- DOM manipulation made easy

- Event handling

- Extensibility with plugins

3. \*\*What is the exact difference between the methods onload() and document.ready()?\*\*

- onload(): Executes when the entire page (including images, scripts, and CSS) is fully loaded.

- $(document).ready(): Executes as soon as the DOM is fully loaded, before images and external resources are loaded, making it faster.

4. \*What are the jQuery functions used to provide effects?\*

- .hide() / .show()

- .fadeIn() / .fadeOut() / .fadeToggle()

- .slideUp() / .slideDown() / .slideToggle()

- .animate()

5. \*Which jQuery method is used to hide selected elements?\*

The .hide() method is used to hide selected elements.

javascript

$("#myElement").hide();

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### \*\*4 Marks Questions \*\*

1. \*Write a jQuery code to check whether jQuery is loaded or not.\*

javascript

if (window.jQuery) {

console.log("jQuery is loaded");

} else {

console.log("jQuery is not loaded");

}

2. \*Write a jQuery code to disable right-click menu in an HTML page.\*

javascript

$(document).ready(function() {

$(document).bind("contextmenu", function(e) {

return false;

});

});

3. \*Write a jQuery code to blink text continuously.\*

javascript

$(document).ready(function(){

function blinkText() {

$("#blink").fadeOut(500).fadeIn(500);

}

setInterval(blinkText, 1000);

});

\*HTML:\*

html

<p id="blink">This text will blink.</p>