**Scripting Language 2**

**Final Exam**

Ques1. What is javascript language? Why javascript is popular?

Ans1. JavaScript is the Programming Language for the Web. JavaScript can update and change both HTML and CSS. JavaScript can calculate, manipulate and validate data. JavaScript programming language allows you to implement complex features on web pages.

Ques2. What are cookies?

Ans2. Cookies are text files with small pieces of data — like a username and password — that are used to identify your computer as you use a computer network.

File created on client-side to store data received by a computer THEN sent back without changing it. When a user visits a website a cookie to his computer the computer stores it inside the web browser.

Ques3. What is jQuery?

Ans3. Query is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers.

Jquery takes a lot of common tasks requiring many lines of JavaScript code, and wraps them into methods that can be called using a single line of code.

Ques4. What is CDN?

Ans4. A CDN (Content Delivery Network) is a group of servers spread out over many locations. These servers store duplicate copies of data so that servers can fulfill data requests based on which servers are closest to the respective end-users.

Ques6. How to get value of an input tag having id = 'name' using jQuery. Only write one liner code.

Ans6.

<input type="text" id="name"/>

Jquery:

var input = $("#name").val();

Ques7. Write a one liner code to set a value(John Doe) of an input tag having id='name' using jQuery.

Ans7. $(‘#name’).val(“John Doe");

Ques10. What is JSON and XML. Which one is better and why? Explain.

Ans10. **JSON:-** JSON stands for JavaScript Object Notation. It is a lightweight format for storing and transporting data. JSON is often used when data is sent from a server to a web page. It is "self-describing" and easy to understand.

XML:- XML stands for Extensible Markup Language, it is used to describe data. XML tags identify the data and are used to store and organize the data, rather than specifying how to display it like HTML tags, which are used to display the data.

JSON is better than XML for the following reasons:

* XML is much more difficult to parse than JSON. JSON is parsed into a ready-to-use JavaScript object.
* XML uses more words than necessary
* Parsing XML software is slow and cumbersome. Many of these DOM manipulation libraries can lead to your applications using large amounts of memory due to the verbosity and cost of parsing large XML files.