

### **1.What is AJAX? Advantages of AJAX.**

-AJAX stands for Asynchronous JavaScript And XML. It enables a web application user to interact with a web page without the interruption of constant web page reloading.

-AJAX allows your web application to receive and send data from your web server simultaneously.

#### **Advantages:-**

- Asynchronous processing feature is also advantage of AJAX.
- Helps in partial page loading.
- Helps in communicate with the server.

### **2.What is JSON? Why do we use JSON?**

-JSON stands for JavaScript Object Notation.

-JSON is a lightweight data interchange format that is easy to read and write. It is a text-based way of representing JavaScript object literals, arrays, and scalar data.

-JSON does not require any special tags, attributes, or schemes. It is very simple to read and write.

### **3.What is jQuery? Advantages of jQuery.**

-jQuery is a lightweight, “write less, do more”, JavaScript library.

-The purpose of jQuery is to make it much easier to use JavaScript on your website.

-jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish and wraps them into methods that you can call with a single line of code.

-It enables programmers to write JavaScript easier and faster.

### **4.What is No-Sql database? Examples.**

-It is an approach to database design that enables the storage and querying data outside the traditional structures found in relational databases.

-It is generally object based, and not query based.

Example- MongoDB

### **5.What is HTTP Status Codes? What is the meaning of 401,403,404,500 status codes?**

-HTTP Status Code is a message that a website’s server sends to the browser to indicate that whether or not that request can be fulfilled.

-Status codes are embedded in the HTTP header of the page to tell the browser the result of the request.

401 Unauthorized- The client request has not been completed because it lacks valid authentication credentials for the requested resource.

403 Forbidden- To return when a client has valid credentials but not enough privileges to perform an action on a resource.

404-A server could not find a client requested webpage.

500-Something went wrong on our server.