>>**API Important Interview Questions<<**

1) What is means by API Testing? Or API?

2) What is Advantages of the API Testing?

3) What is Web service testing? What is difference between API Testing & Web Service Testing?

4) What is difference between http & https?

5) What are the different http methods?

-GET, POST, PUT, PATCH, DELETE (CRUD-Crate, Retrieve, Update, Delete)

6) What is difference between GET and POST Methods?

7) What is difference between POST, PUT, and PATCH?

8) What are different error code you get in your testing carrier?

Error Code:

1) Client Side Error:

A) 400: Bad Request

B) 401: Unauthorized

C) 403: Forbidden (Access validity expired)

d) 404: Not Found (Requested Resources not available in the server)

2) Server Side Error:

A) 500: Internal Server error (If server down that time this error will be get)

B) 503: Service not available

C) 504: Timeout

D) 502: Bad Gateway

9) What are the parameters you checked in response as API Tester?

-What is your role as a API Tester?

-As a API Tester I mostly use GET Methods for retrieve the data and check response as per requirement or not. Or data fetched by the API

As per requirement or not.

1) Response Data: We can verify this data with our Sheet

-Response data we can check in different form: Pretty, Raw, Preview

2) Response Data Format: JSON, XML, HTML, Text

3) Response Status Code: 200, 201, 400, 401, 500....

4) Response Time: 12MS

5) Response Size: 12KB

10) What is difference between UI Testing and API Testing?

-UI (User Interface) Testing means testing of graphical user interface.

-In UI Testing main focus on how application look and work (Functionality) we will check.

-In UI testing the main focus on how user interact with Application such as Image, fonts, button, layout.

API Testing:

-Here we API enable communication between two application or not.

-API Testing we check developed API Functionality, Security, and Reliability.

11) What is Difference between XML & HTML?

12) What is difference URI and URL?

-URL (Uniform Resources Locator): Domain + URI + Query String

-For ex: https://reqres.in/api/users?page=2

Domain:

-The Physical Server where your website is hosted.

For Ex: https://reqres.in/

URI:

-It is identifier which maps to files on your server.

For ex: api/users?

Query string:

-Part of the GET methods which we pass through URL.

-We pass in the Key value form

-For ex: page=2

13) What is means by Collection?

-It is like as Folder in that we can add/store multiple methods.

-We can run collection directly.

14) What are the request parameters you passed?

1) Parameters

-Key and Value form

2) Authorization

-Bearer Token

3) Header