Questions;

Which frame work you are using?

Write test cases for a scenario - example. Entering address

Framework - type/flow/structure?

Relative xpath - 3 nodes with same id value, 3rd node having additional character "xyz" - how to find relative xpath for the 3rd node?

Structure of the framework?

where to keep your script files?

Write a Java program to print the matrix values in following format

First Round - Pure Selenium

Q1: How will you get the data from Excel & Write a code for it

Q2: Write a code for the following scenario

If I click a button, a text button will be populated with a value

get the value and check the format is valid or not

Q3: In a paragraph, I have to extract the following things

Get only numbers

Get only alphabets

Get only alpha-numeric

Get only spaces

Get only special characters

Q4: How grid is working

Second Round - Logic

Qn 1: I have a string "CZ1234ABC45"

For example, in for loop: for (i=1; i<=n; i++)

In the above for loop, instead of 1 (one) for variable "i", we need assign the above string

And it has to increment based on "i++"

Write a logic for this.

Qn 2: I have a float value 12345.4566

I want to extract only 4566 (i.e., the value after dot)

8)What are the activities you are doing in your project?

9)Which frame work you are using?

10)Tell me about the traceability matrix?

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1) Develop one << Framework >> for registration page and explain.

2) Write Code: Consider you have one webpage contains nearly 100 fields, how to get all the field values in single line.

3) Write Code: How to find all the web elements [like radio button, check boxes, Tet areas, etc..] in a page by single line of code.

4) Write Code: Consider Irctc From station field, type only 3 characters, in the displayed dropdown view find the first option.

5) If your application performance is very slow. what you will do

6) What is explicit wait. Why thread. Sleep

7) Consider if your application having same ids for all elements, what you will do.

8) You have 100 text cases in excel. but client want you to execute only 60 tc's. what you will do. Which tc's you choose from excel

9) Challenges faced in selenium

10) Write Code: n=1238975. Find the biggest integer value in 'N'. [o/p: 9]

11) Write Code: n=16845. O/p will be "n=14568". It should be integer value; it should be in ascending form.

12) Print below pattern. Triangle pattern:

```
  1

 2 4

3 6 9
```

13) Print below pattern. like star. if n=5. [n- user input, if n is even, then terminate prg. If odd proceed]

O/p will be like,

```
    1

  1 2 3

1 2 3 4 5

  1 2 3

    1
```

14) X ="Good Looking"[User input]. Have to find unique characters cout. Should not any duplicate.

For Ex. g - 2; o - 4; d - 1; l - 1; k - 1; i - 1; n-1. [Have to print like this]

15) Write a code to Reverse a String. Without using any built-in functions like reverse (), charAt ()

16) Consider one div having 100 spans with unique texts. How to find expected text using Xpath.

17) Write code: Need to capture screenshot of the whole page. Need to scroll the page till end.

18) Write Code: Find the repeated words in a given string.

19) Write Code: Get values from Ui and compare expected values with from any database.

20) Write Code: Identify and form a string with unique characters. Ex. X=Good Looking. o/p = godlkin.

Following sentence was given:

  0   1   2   3   4   5   6

Tommy attending an Interview while Bob Studying

a. Reverse only the words that are in Even number in the above sentence

b. odd number words should remain the same

c. After the words is reversed, in the reversed words increment the odd

   characters alone by one alphabet (ex: - a to b, e to f, etc)

Write a program to validate the credit card number having the following pattern: [2312] [932E] [12AB]

3. What is continuous Integration? Tell something about it

4. What is the version tool you used in your project?

5. Scenario question:

There are three pages 1. Create customer, 2. Edit Customer and 3. Delete customer

 Create customer -> Create the customer and output will be 5 field values

 Edit customers -> Get search results, edit and output will be 5 updated field values

 Delete Customer -> Delete customer (get search results and delete)

 How will you test these three pages?

 How will you get and where will you store the dynamically changing 5 fields?

How will you make sure you run one after the other (first 'create customer' and then 'edit customer' then 'delete customer')

What is the Element Identifier tool you are using?

 Your application supports only IE then how will you identify the objects?

 Are you there in your project from the beginning or you joined later?

How did you perform POC? (Proof of concept)

There are 100 Test cases and you want to run only 10 selective Test cases for regression how will you do that?

continuation of above question no.10, One test case I have to run as part of Regression and the same test case

should not run as part of Smoke Testing. Both Regression and Smoke should run simultaneously. How will you do that?

What is the use of Maven? Why do you want it?

What are the challenges you had in your project? explain with the workaround?

Any other tool experience you have other than Selenium?

Tell me the Excel columns names in the keyword driven framework

In keyword driven framework how will you parameterize?

How many test scripts you written? and how long it will take to run?

Explain your current project

What is the advantage of using Automation in your project?

Quality wise what is the benefit of using Automation in your project?

What is the reason for selecting SE for Automation in your project?

What is current role in Test automation?

What is the version tool you used in your project?

Which frame work you are using?

Page Object Model - Framework - flow/structure?

where to keep your script files?

How do you rate yourself on Java?

Write a program to validate the credit card number having the following pattern:

[AC31] [AD22] [DE14]

Write a Program on reverse the string on like blow the this.

Str = " My School is ABC"

Expected: "CBA si loohcs yM"

What is OOPS concept - explain

What is Abstract Class?

What is Interface?

What is different between Interface and Abstract class?

what is Final and Finally?

Can you tell me the example for Runtime exception and Compile time exception?

How many times you can use Catch block while exception handling?

Syntax of CSS Selector

What is the repository you have used for objects in framework?

Difference between web driver and remote web driver?

How does web driver identify UI Elements?

write the syntax on find Element?

Do you use to identify the Xpath? (Relative Absolute sibiling and Preceding)

Write the xpath using Preceding and Absolute?

Have you used TestNG?

What are the different annotations in TestNG?

What is the use of @BeforeTest/@BeforeMethod annotation?

How do you do parameterization in testNG

What is Data provider?

" Write the program to retrieve the data from excel?   "

Array list vs list?

Have you used collections in your code?

Explain the List and set?

Different between hashset and hashtable.

String to count induvial variable and return count only

Exception handling

Oops concept

How to Find dynamically generating object

Collections

Diff types of testing using automation

Project explanation

Tell about career evolution

Aspire systems:

1. What is the difference between test ng and junit

3. Write an xml coding in testNG with groups?

4. How to print the values in console in hexagon shape?

1st round:

1. Tell about yourself

2. What are the frameworks that u use in your project

3. Explain about your project structure

4. Describe about property files. Where u will use

5. How I'll find an element in browser

6. Difference between findElement and findElements

7. What find elements returns and why

8. There is a page having username, password and login button. U have to give input and press login button, then the page redirects to second page in second page your username should display the Ur username resides inside an iframe

Explain this scenario using POM write the code for verify that the username is displayed or not

9. Write palindrome program "MADAM"

10. List the basic tags u has known in TestNG

11. Difference between @parameter and @Dataprovider

12. What do you know about listeners

13. Where u have used listeners and why u have used and how

14. Explain about constructors

15. Explain about exception and name the expectations that u has most encountered in your project

16. Method overloading and method overriding difference

2nd round:

1. How years of selenium experience u had

2. Project methodology

3. Talk about Ur contribution in project

1. Reverse the string Cognizant without using reverse Method ()

what is the difference between Test NG and Junit?

In triangle shape bound having some numbers how to replace 3 numbers into another bound, write the code in Java?

Round 1

1. Write a java program to find whether two strings are anagrams

2. How would you handle when you want to run a @test only after running another @test?

3. Explain about your framework

4. Explain the biggest challenge you have faced in automation?

5. How will you call a method without creating object for the class?

6. What is the default port your node uses to connect to the grid hub?

7. Given a number, write a program to find the next palindrome number.

8. Difference between xpath and CSS selector

9. How will you compare a string and string buffer?

10. Difference between treeset and linked hashset

11. Why does collections don't accept primitive data types?

12. What is BDD framework? And why do we use that? (Since I have mentioned that I worked on it)

13. How will you type ten different names one after the other in next line in a text box using selenium?

14. Is video recording possible with selenium?

15. How will you convert the existing qtp scripts in a project to selenium scripts

16. How will you design your testng.xml if you want to run all your test cases in 15 different machines in parallel (based on my framework explanation)

Round 2:

1. There is a widget common across pages in your application. How will you handle that? Write code for that?

2. There is a dropdown on which you can also type. When you type something, it will get added if it is not there inside. If it is already there it gets added with an index. the index will keep on incrementing. Now write a code to type your name thrice sequentially and also check whether al the dropdown options are arranged in ascending order.

3. What is abstract method? Can it hold all non-abstract methods?

I don't want anybody to extend my class. what ll u do?

5. What is call back in java?

6. Have you used method overriding in your project? Explain

7. Have you ever heard about java 8? Tell me about it

8. What is anonymous class?

9. What is finalize in java?

10. Write a program to find whether a particular widget is loaded correctly or not?

11. How will you handle windows authentication pop up?

12. What is dynamic binding?

13. I traverse through my application randomly which opens new browser each time. How will u handle it? And how will u toggle to the nth window at once?

14. How will you manage/overcome merge conflicts when u push Ur code to git hub repo

15. Best challenge you have faced?

16. Some questions on my secondary skill to check whether I have really worked on it.

Round3 with HR:

This round was just to know you better as a person and a professional. Just be on your natural spontaneity. And keep d conversation lively. they just chk whether you are really vibrant n sound without asking technical questions.

How to write for backword and forward compatibility?

Like here two version of IE browser is v9 &v10, so here our written code should support to both version

Star triangle

String reverse

String palindrome

Fibonacci series

Find the number of links

How to know that a page is loaded

Palindrome number

Get element from a web table

What is regression testing

One SQL query

Select a drop-down value (Y/N) according to the respective name and emp id value present in the table

1. Explain project

2) Issue/ challenges faced in project

3) question on RegEx - how to verify username which should accept one Alphabet, numeric, Etc.

4) selenium grid

5) Jenkins's usage

6) more questions on ROI, estimation and process improvement

7) diff between ALM/QC

1.Explain about the framework which u r currently using?

2.Why TestNG you people preferred?

3.Explain about exception in your framework?

4.what are all the different ways u identify object using xpath?

5. How many times you can use Catch block in exception handling and is its mandatory u will be using finally block?

6.How to identify the elements which is present in frame inside a frame?

7.In your project you were creating test data for client, how you achieve it? (Grid implementation)

8.Team handling, challenges?

9.in your sprint, how you will be doing estimation?

What is mean by junit frame work, explain its features?

Have u used both testNG and junit in Ur project?

How to use the data provider and explain with example and write the code for data provider

What happens if you write the code in below manner?

```
driver. Get("http://www.google.com");

driver. Get("http://www.yahoo.com");
```

a) whether two browsers will be invoked b) another tab will be opened

c) Exception will be thrown?

if any null value/number printed in excel sheet, how will you have converted into to string?

Write a program from web table in which column A, column B the sum should be in column C?

What are the various quality factors u know, Defect leakage percentage?

How will you justify Ur product is of highest quality?

Advanced xpath like following-sibling, preceding-sibling?

How to invoke the browser?

Tell about testNG annotations and attributes

How priority is used, write a syntax for priority attribute

what are Listeners Annotations?

Write a java program for to count the number of digits in a string

Ex: G123H7JM (o/p= count is 8, digits is 4)

Git commands

How to push the code to GitHub?

what is the difference between GIT and GitHub?

Explain Ur POM framework

Design a page for Gmail login, method should be written for username, password, click submit, cancel, forget password?

What is mean by Jenkins, how to used it in Ur project?

What is maven? Why maven is used?

How many Git commands you know?

Explain about your project framework?

why you used common methods in separate class instead of using in Pages classes directly.

what is reusability

Write program which we used for send keys in SE methods.

Write program for login page.

Write xml for which has 3 suites.

when 1st suite should have all classes.

2nd suite should have one class.

3rd suite should have 1 class with only 4 methods.

Is there possibility to have multiple data providers for same testcase.

what is thread count

if we have 100 test cases and have thread count as 150 what will happen

If we have 100 test cases and how we exclude the 57th & 59 th test cases alone.

what is grouping, write the code for grouping

given scenario and asked to program and xpath.

What is maven

what is the use of page object model?

Write the hierarchy of testNG annotations and explain about it.

what is @findby annotation.

Code to print the length of the string without using any inbuilt methods.

How to run the same test for different test data? Using testNG?

How to run the same test thrice for same test data?

write a code fetch all the Dropdown values, remove the duplicates and null, get the occurrences of duplicates.

What do you about Agile methology?

How to run the same test for different test data? Using cucumber?

how you will achieve to run the same test thrice for same test data using cucumber?

Read Two values from excel, sum it up and write it in 3 cells

Difference between assert and soft assert

Fetch the department which has more than 1 employee using DB

Fetch the department which has max of salary

Fetch the employee's name starts with a letter

Difference between WebDriver and remote Web driver

How will u run your framework, how much time it will take to run?? Parallelly or sequentially?

2000 test cases from 10 modules, only 5 modules need to be automated in chrome, Edge and safari (iPhone). What estimation you will give, what are all the criteria you ll look into.?

Have you ever done reviews? If ask u to review the selenium code, what are all the major 5 concepts u will Look into it and eliminate.