**Note:**

We are using the Inheritance in all our test classes to inherit the base class.

We use the Method Overriding in the Listeners.

**CTS 3+ exp interview questions**

First round

1. In an array print the second smallest and second largest element

Second Round

1. Introduce yourself

2. What are your current roles and responsibilities

3. Which oops concepts you have implemented

4. How have you implemented abstraction and encapsulation

5. Explain the exception hierarchy

6. How have you handled null pointer exception

7. What is compile time and run time polymorphism? How have you implemented them?

8. Can you create an object of an interface?

9. Can you call a method from an interface that you have not implemented in any class?

10. Can you overload and override static methods

11. What is the difference between stringbuilder and stringbuffer

12. What is the difference between array list and Linked list

13. What is map

14. What is set and how is it different from list and map

15. How do you define singleton class? What is it's use

16. Write xpath for the search button on Google

17. Write selenium code to enter text

18. How do you scroll to an element?

19. How to take screenshot of a web element?

20. What are the activities we can perform using javascriptExecutor

21. How do you switch to frame? How to detect frames

22. How to get all the available values in select drop-down?

23. How to handle alerts ?

24. How to switch to child window?

25. What are the options available in cucumber options

26. How can I run a scenario multiple times

27. How can I run certain activities for all scenarios multiple times

28. How have you handled synchronisation

29. How do you execute your test cases in your framework

30. How to re execute failed tests

31. What is the use of test runner in cucumber

32. How do you perform cross browser testing

Third Round

1. What are your current role and responsibilities

2. Can you work as an individual contributor

3. How do you resolve conflicts in Git

4. Given an array {1,3,3,4,5,6,6,7,8,9,9} when user enters a search element, the program should display the index number where the element is found. If the element is repeated it should display all those indices. If it is not present in the given array program should display "element not found"

5. Discussion of project specific details  
  
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 **FIS SDET/QA Interview Questions :**

Round 1: Hands-on Coding & Automation Challenges

🔹 How to pass request specifications in API testing?

🔹 Abstract Class vs Interface (Real-time scenario-based)

🔹 XPath Challenge: Fetch all links under "Mobile Accessories" on Amazon (excluding “See More”)

🔹 Handle dropdown with 100 options (displaying 10 at a time, with scrolling)

🔹 Find 2nd child element using Selenium WebDriver

🔹 Select “June” from a 12-month dropdown (Best WAIT mechanism)

🔹 Serialization vs Deserialization

🔹 Static variable vs Static keyword

🔹How to handle upload a file in Selenium

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**QA Automation role, Publicis Sapient interview question ! :**

1) Explain object-oriented programming (OOPs) concepts in depth.

2) Write the output for the following cases:

a) Using the "static" keyword in Java.

b) "++" operator-based question.

3) Given a string, count the occurrence of each character and replace duplicates:

- Input: "Automation"

- Output: "2u22m22i2n"

4) List all the Git commands you have used in your project.

5) How do you configure a Jenkins pipeline? How do you schedule it to run daily at a specific time?

6) What is the String Constant Pool? Why is a String immutable in Java?

7) What is serialization and deserialization in Java?

8) What are the different types of inheritance in Java? What is multilevel inheritance?

9) Explain TestNG annotations and their usage.

10) What are listeners in TestNG? How have you used them in your scripts?

11) Which test automation framework have you used? How do you manage test data in your scripts?

12) Which design pattern have you implemented in your framework?

13) What is JVM? What is the difference between JVM, JRE, and JDK?

14) What is exception handling in Java? What are its types? How do you handle exceptions in your project?

15) What is the difference between findElement and findElements in Selenium?

16) What is the return type of getWindowHandles() in Selenium?

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**[#TCS](https://www.linkedin.com/search/results/all/?keywords=%23tcs&origin=HASH_TAG_FROM_FEED)** | Sr. QA | Interview Questions  
  
Manual Testing Questions:  
1. Have you worked in Agile methodology? Explain it.  
2. Explain the points you consider while writing a good test case.  
3. What is the Bug Life Cycle?  
4. Difference between Test Scenario vs Test Case.  
5. Difference between Functional vs Non-Functional Testing.  
6. Difference between Smoke and Sanity Testing.  
7. What is STLC in software testing?  
8. Difference between Alpha and Beta Testing.  
9. How many tests have you automated in a single sprint?  
10. How do you decide which test cases to automate?  
11. Which test cases would you not automate?  
12. Is 100% automation possible?  
13. Important things to consider when logging a bug.  
14. Where do you write your test cases? In Excel or some other tool?  
  
Automation Testing:  
1. Difference between implicit and explicit waits.  
2. Asked to share screen and write XPath for a given element.  
3. Use of the Actions class and Select class.  
4. Explain your roles and responsibilities.  
5. Exceptions faced while working with Selenium (Give 5 examples).  
6. OOPS concepts (Inheritance, Abstraction, Polymorphism, etc.).  
7. Difference between findElement() vs findElements().  
8. How to handle alerts in Selenium?  
9. Write Selenium code to take a screenshot.  
10. What is priority in TestNG?  
11. Reports used in your framework.  
12. Difference between Scenario vs Scenario Outline in Cucumber BDD.  
13. Explain the framework you are working on.  
14. What are tags in Cucumber?  
15. How do you manage test data in your framework?  
16. Abstract class vs Interface.  
17. Write Java code to reverse a string and perform array manipulation.  
18. Questions from HashMap, HashSet.  
19. Difference between Array and ArrayList.  
20. What is Collection in Java?  
21. Why is String immutable in Java?  
22. Difference between Collection and Collections.  
23. Difference between StringBuffer and StringBuilder.  
24. API status codes difference (400, 401, 201, 200, etc.).  
25. Difference between PUT vs PATCH request.  
26. Basic GitHub commands (git add, git commit, git diff).