Selenium Tricky Interview Questions PDF for experienced 2022

Selenium Tricky Interview Questions: Technical and Non Technical Questions I have faced in the Interviews (Capgemini, CTS, L&T, Tech Mahindra, Hyundai, IDP Education, ADP, HCL, Standard Chartered, and Fidelity):

If you go for any interview then-current days most of the time we are not getting the theoretical questions. Now organizations going one step ahead and they are asking scenario-based and selenium tricky interview questions.

Best tips for handling selenium troubleshooting questions:

A scenario-based interview question is more tricky as they tend to test your ability to think creatively and respond accordingly.

Update: If you want to raise your skills even further with Selenium, then I highly recommend the below Selenium Tricky Interview Questions.

Selenium Tricky Interview Questions PDF

1. Tell me about the work you've been doing recently. What's the most interesting bug that you've found, and why?
2. What kind of challenges does testing present? Can you tell me about some specific software testing challenges you've faced, and how you overcame them?
3. Why did you choose software testing as a career, and what motivates you to stick with it?
4. Have you encountered any challenges working with your colleagues? Tell me about a specific instance when you were in a difficult situation, and how you dealt with it.

5. How about situations where you have to make decisions… Have you ever made a bad decision? What contributed to you making that decision? How did you deal with the consequences?
6. How have you added value to the organisations you've worked with? Can you give me a specific example from your last or current position?
7. What process are you using for testing currently? Can you describe how you might improve it?
8. What kind of tests have you been doing? What do you enjoy about them? How do you develop those tests?
9. When you perform a test, what steps do you take? What's your process?
10. Have you ever written a test plan? What would you put in one?
11. How do you know when it's time to stop testing?
12. What's the role of risk in your testing? How do you analyse and measure it?
13. Do you measure how effective (or not) your testing is? What metrics do you use?
14. If I left you testing for two hours, what would you have to show me when I returned?
15. Have you automated any of your tests? How so?
16. What's your favorite testing tool? Why? If some technical constraint meant you were unable to use it, what would you do instead?
17. How do you know when you (or your automation) has found a bug? What makes it a bug? Are some bugs more important than others? How do you report them?
18. What do you do if the developers decide the bug is not a bug?
19. Testing can be challenging. What keeps you motivated?
20. How do you stay at the top of your game? What self-learning do you do?
21. What have you been criticized for in the past? How did you respond to that criticism? What did you do about it?
Describe the characteristics of your ideal boss, and why.

Selenium Tricky Interview Questions

Write code for Action class

22. Write code for positive and negative scenarios for Alerts
23. Write code for handling multiple windows
24. Find odd number
25. Disadvantages of Selenium
26. Difference between get() and navigate().to()
27. Write code to click on the Check box which is inside the Dynamic Table
28. Write code for taking Screenshot
29. Explains Maps in Java
30. Explain framework (Questions based on your framework explanation)
31. What is Pom.xml
32. Which is the correct Xpath for this code (Lot of questions on Xpath)
33. Xpath methods Ex: Starts-with & Contains
34. The syntax for the CSS selector
35. How to identify dynamic images
36. From a given string, separate characters, integers, and special characters and store in a separate variable and print them
37. Remove duplicates from ArrayList
38. Print all the frame names
39. How to read from XML or CSV file and store in hashmap
40. Get the value of a cell in the Dynamic table
41. What is the Burndown chart (Agile)
42. Print these characters from a given string and change them to uppercase
43. Explain Access specifiers
44. Difference between Priority and Severity
45. Example for High Priority and Low Severity and vice versa
46. Difference between Test Strategy and Test Scenario
47. What Software Metrics you have used in your project

48. How to handle Dynamic Elements, since the webpage is designed in Angular Js
49. Implicit and Explicit Waits
50. Write code for Cross Browser Testing
51. Explain Method Overloading and Method Overriding with Example
52. What is Static Keyword
53. Dependencies in Pom.xml
54. Write code for fetching data from Excel
55. Select this value in the dropdown and hover to this element and click
56. Assert and Verify
57. Check if a given string is Palindrome or not
58. Remove duplicate characters from a string and print
59. Which Code Repository you are using (Ex: GitHub)
60. How will you estimate the time to automate a scenario?
61. How to perform Right Click
62. In a Dynamic Table, if I give 1 cell value, it should give me the values of other cells in that row
63. Have you Developed any Tool, If yes explain
64. Write code for handling Frames
65. Read from a text file and store it in HashMap
66. Print the occurrence of each character if it is present more than once in a given string
67. Write code for nested drop-down, You have to check all the values in the dropdown, All permutation, and combination
68. Advantages of Selenium
69. How to check if a checkbox is displayed
70. If the element is not present, how will you print the Element that is not present in the message?
71. What all exceptions you have faced
72. What all difficulties you have faced in Selenium
73. What all TestNG Annotations you have used in the project
74. Where will you maintain the code?
75. What all Collections, you have used in your project

76. How to run multiple test cases
77. What are Primitive and Non-primitive Data Types?
78. What are JDK, JRE, and JVM
79. Settings.xml in Maven
80. Eliminate first and last string from array and print
81. What is Encapsulation
82. What is the use of build() and perform() in Actions
83. How you will check the actual vs expected result
84. Xpath Axes, Ex: Following
85. Automate Menu and Sub Menu and click on a link in Sub Menu and navigate to the page and click on an element
86. Syntax for Alerts
87. How will you generate Reports?
88. What is the execution time of your test cases?
89. Print a Reverse Pyramid
90. Go to frame and click on the upload button and select the file which is in this directory
91. Difference between PUTS and POST in API
92. Read data from Excel and given that data as input for login and password and click on submit and validate the popup which says Login is successful
93. Read data from two text files and compare if they are the same or not
94. Read data from an Excel file and compare the data to the web table and check whether it is the same or not
95. Select multiple options from the dropdown
96. Explain Defect Lifecycle
97. How many people are working on your project, what all teams are there
98. What is your role in your project?
99. How often Daily Triage Call will happen and what will be discussed
100. What all packages you have used in your project
101. How will you check Broken Links?
102. Read from a text file and change that content

103. Write test scenario for Credit Cards
104. How to read Properties file
105. Which is the latest Java version and which one you have used and what are the features of that version
106. Check if the given two strings are an anagram
107. What is the difference between Interface and Abstract Methods?
108. Difference between BeforeSuite and BeforeMethod
109. Difference between Default and Protected
110. Write a program to divide without using division or modulus symbol
111. String = 'AaBbCcDD' ,In that change a lowercase 'a' to uppercase
112. Hierarchy of TestNg Annotations
113. How many Sprints you have worked on, how often you will get Sprints
114. How Agile Methodology works
115. Do Exceptions have priority?
116. Can a try block have more than 1 catch block?
117. Can a class be Public, Private, Protected, and Default
118. How will you compare the data from the database to the data on the webpage?
119. Blackbox vs Whitebox Testing
120. Explain Waterfall Methodology
121. What is Traceability Matrix
122. Explain STLC
123. Explain SDLC
124. What is a class
125. What is an object
126. What is a variable
127. How to clone one list and store it in a new list
128. How to run a group of test cases in TestNg
129. How to include or exclude test case in TestNg
130. How to run the parallel test case in TestNg
131. What is Selenium Grid
132. Can a Map have a Null value?

133. What all different test annotations you have used in TestNg
134. How to switch frame in Selenium
135. Difference between this and super
136. Difference between Constructor and Method
137. Difference between String Buffer and String Builder
138. Difference between List and Set
139. How to run a test suite in different browsers
140. What is static and final
141. Difference between String and String Builder
142. How to run failed test cases in TestNg
143. Difference between Iterator and ListIterator
144. How to set the proxy in Jenkins
145. Explain Maven Life Cycle
146. Explain POM
147. What will be there in POM.xml
148. Without using Select statement, how to select dropdown
149. Difference between Sanity and Smoke Testing
150. Can the Main Method be overridden?
151. What is Retrospective Meeting?
152. What all methods String has?
153. Selenium Tricky Automation Interview Questions
154. What are XPath and its types?
155. What are cross-browser testing and parallel testing?
156. Challenges faced during selenium testing?
157. What is the Actions class?
158. How to handle drop-down in selenium?
159. How to handle multiple browser pop up?
160. How to handle multiple browser tabs in selenium?
161. How to perform upload files using selenium?
162. How to perform download files using selenium?
163. How to get all values of dropdown in selenium?
164. How to perform (control + a) through selenium?
165. How to shift between tabs of the same browser using selenium?
166. What is a Robot class?
167. What is AutoIT?

168. What is the difference between get() and navigate()?
169. What are the difference between findElement() and findElements()?
170. What is difference between quit() and close()?
171. What are different locators used?
172. Difference between XPath and CSS selector?
173. Different approaches to click the submit button?
174. What is javascriptExecutor and when it is used?
175. Handling WebTable(static and dynamic) in selenium
176. What is POM? Advantage and its disadvantage?
177. What is a maven? list its phases or life cycle? Command to run our project through the maven?
178. Explain ur project folder structure? Or Explain ur framework?
179. What is TestNG?
180. How to create and delete cookies?
181. What does getwindowhandles() and getwindowhandle() return? Or its differences?
182. Is it possible to use only perform() without build()? 30.What is perform() and build()?
183. How to scroll the browser window?
184. Preceding sibling and following sibling of custom XPath?
185. What is the test management tool used in ur project?
186. What is the build automation tool used in ur project?
187. How u will handle the SSL certification?
188. What are DesiredCapabilities?
189. How to verify 'Bangalore' present in the dropdown box or not?
190. How to verify 'Bangalore' present in 4×4 webtable? And print the column and row number of it is present?
191. How to fetch the data from a particular row and column of excel?
192. List all maven plugins like surefire plugin etc
193. What is Jenkins? And explain its use?
194. Explain the tags present in the testng.xml file
195. What is TDD?

196. What is BDD? Explain the cucumber framework? What are gherkins?
197. What is Listener?
198. What is DataProvider?
199. What is parameterization?
200. What is PageFactory?
201. What is Apache POI API? Or how to read data from excel?
202. What are explicit and implicit waits?
203. What are the challenges faced in automation testing?
204. Write code for handling multiple browsers and switch to new windows?
205. What is webdriver? And why webdriver is used?
206. List some selenium exceptions
207. What is StaleElementReferenceException?When this occurs? And how to overcome such exceptions?
208. How do you group the test cases? And why?
209. How to include or exclude test cases?
210. What is NullPointerException?When it occurs?
211. What is a selenium grid?
212. Should have knowledge of all TestNG annotations.
213. How do you control the execution of your test cases/test classes?
214. Git and its commands
215. Maven commands to execute, debug, compile
216. What is the current version of maven used?
217. How to identify broken links? How have done you in your project? Write code or tell approach.
218. Write a code to fetch the value 'Test' from the excel sheet which might be present in any cell in excel. Or check whether the value 'Test' is present in excel or not.
219. How to pass values to textbox other than using sendKeys()?
220. How to click the login button other than using click(), submit(), and JavascriptExecutor?
221. What is subversion?

Selenium Tricky Manual Interview Questions

1) What are test design techniques? Explain BVA and ECP with some examples?
2) Explain STLC
3) Explain Bug Life Cycle
4) What is the difference between bug and defect?
5) What are severity and priority?
6) Explain SDLC
7) What are the differences between smoke and sanity testing?

Selenium Tricky Interview Questions For 5 Year Experienced Testers

Question asked in an interview in different organizations for 5 years of exp in last one month.

1) Explain your current automation framework.
2) Current roles and responsibilities.
3) TestNg sequence.
4) Why no main method is required in TestNG execution.
5) How to connect to database.
6) Simple SQL queries on a group by and conditions.
7) SQL query to find the second highest salary without using a subquery.
8) SQL query to sort the column in ascending.
9) SQL query to find duplicate using self join.
10) What is the difference between HTTP and HTTPS?
11) Java program on finding duplicate characters.
12) Java program on bubble sort.
13) Excel utility to read excel using hashmap of hashmap.
14) What is dependency injection in cucumber and testng Both and how we can achieve it?
15) Program to remove white space and replace it with a comma.
16) Java program for taking input in ArrayList and returning in an array.
17) What is thrust testing?

18) Write a creative test case for lift.
19) Write cucumber feature file using datatable.
20) What are the latest enhancements in selenium 4
21) How to pass parameters in Jenkins.
22) What is java generics and where you have used it in our current automation framework?
23) Wap to take pass a get request using rest assured and from response verify if data present in the database using SQL.
24) Difference between hashmap and linked hashmap
25) Different error codes.
26) What is the global variable in postman?
27) Environment variable in postman.
28) Difference between put and patch.
29) What is the 409 response code?
30) How to pass JSON file to a payload
31) Pass payload using a hashmap.
32) How to pass cookies in rest assured.
33) What is OUTH and why company use nowadays?
34) What is agile. Explain its different components. What is the burndown chart?
35) Is velocity in agile.
36) How to resolve conflict in Git.
37) What is a pull request?
38) How to reverse ur code in git
39) Jenkins Cron's job to set at every hour how.
40) Apart from Jenkins what ci/cd tool you can use.
41) What is an effective pom in maven?
42) How many different build phases are available in maven.
43) How to pass TestNG in maven file.
44) How to create a profile in maven and execute the same.
45) How the optimize ur current framework.
46) What has expected conditions in explicit wait is it a class or interface.
47) How to take ss of failed TC.
48) How to rerun failed TC 3 times.

49) What is the difference between drop and truncate in SQL?

50) What is alert in selenium.

51) Have you used JavaScript executor in ur framework is yes where?

52) Which framework is easy to handle data-driven, keyword-driven, or hybrid.

53) Different design patterns we can use with selenium.

54) Can we integrate Sprint boot with selenium?

55) What is Jira? how ur project maintains test case and defect

56) What are the deliverables you deliver after the project is done?

57) How do you see automation growth in the next five years?

Selenium Tricky Interview Questions

1) **What are the Selenium Tools, and Testing framework that you are using in your Current Project?**
   Ans: We are using,Selenium WebDriver for Creating Test Cases.Java Programming for Enhancing Test cases.TestNG Testing Framework for Grouping Test cases, executing Test batches, and generating Test reports. Also used,Firebug and Firepath for inspecting elements.IE Browser driver, Chrome browser driver for Cross Browser testing.

2) **What is your Project Operating environment?**
   Ans: Microsoft Windows 8.1

3) **What is your project domain and Application Environment?**
   Ans: Our project is Banking Application, Our AUT (Application Under Test) was developed using Java Technology and the Database is Oracle.

4) **What are the major challenges in Functional Test Automation?**
   Ans:Object Identification.Debugging Issues. etc…

5) **What are the difficulties that you faced in Object identification?**

Ans: Some Elements (Objects) are not recognized properly using Selenium WebDriver Element locators.

6) **How do you conduct Data-driven Testing in your project?**
   Ans: We conducted Data-driven Testing using an external Excel file as Resource, we added some third-party excel jar files to Java Project in Eclipse.

7) **How do you conduct Batch Testing in your project?**
   Ans: We conducted Batch Testing using TestNG Testing Framework.

8) **How do you conduct Cross-browser testing in your project?**
   Ans: Using Mozilla Firefox, IE, and Google Chrome browsers(Downloaded IE and Google Chrome Browser drivers). we executed Test cases.

9) **How do you handle duplicate Elements in your project?**
   Ans: Using the index property of Elements we handled duplicate objects.

10) **How many Test cases did you write for your Project/Module?**
    Ans: I prepared around 120 Test cases in my Module.

11) **How many defects do you detect and give one example?**
    Ans: I detected nearly 20 Defects of which 5 defects are Severe defects.

12) **How do you select Test cases for Regression Testing?**
    Ans: We selected Test cases for Regression Testing based on Defect affected Test cases and defect-dependent Test cases.

13) **How do you organize your Test Automation resources?Did you use any build management tool in your project?**
    Ans: We used the Maven build management tool in our project.

14) **How you handled errors in your Test scripts?**
    Ans: We handled errors in our Test Scripts using Java Error handling features.

15) **Did you create any reusable components?**
    Ans: Yes, We created some reusable components in our project for Login Functionality, Registration Functionality, etc.

16) Did you find any Test Scenarios that not to be automated in your project using Selenium?
Ans: Yes, We find some Some Test Scenarios in our Current project, Functionalities that require more user interaction, Functionalities that require Dynamic test data submission.

17) How to execute multiple Java programs at a time?
Ans: We execute multiple Java programs using an XML file in the TestNG framework.

18) How to conduct parallel Test execution?
Ans: Usually We conduct Parallel Test Execution using Selenium Grid, but no parallel test execution in my Current project.

19) **What Defect management / Test management tool you used in your project?**
Ans: We are using the Jira Test Management tool in our project with Selenium.

20) **How you communicated with the development team to resolve** the issues?
Ans: We communicate Development team via Our Test Manager.

21) Did you involve in the Selenium Test environment Setup?
Ans: Yes, I involved in Selenium Environment Setup in my Current Project. As per my project, we selected Java, Selenium WebDriver and TestNG Framework, and Maven.We Downloaded Eclipse IDE and Extracted it.Downloaded Java Software and Installed.Environment Variable path setup.Downloaded Selenium WebDriver Java language bindings(jar files) and added them to Java Project in Eclipse.Downloaded and Installed TestNG Framework from Eclipse IDE.Installed Maven build management tool.