

**Manual:**

1. Agile Methodology (Sprint planning , Scrum call , Product owner , Scrum master , Review meeting , Retrospective
2. Testcase writing techniques
3. What is Monkey testing
4. What is functional and non-functional testing
5. Difference between End system testing and UAT testing
6. What is system testing
7. How to raise defect in JIRA
8. How do you differentiate a Bug and an Enhancement in JIRA
9. Difference between test case and test scenario
10. Difference between Severity and Priority
11. Example for low Severity with high Priority
12. Testcase writing techniques
13. Difference between Adhoc testing and Exploratory testing
14. Tell 3 negative scenarios for 2 lifts in a 5 floor building to accept a max of 180 KGs weight.
15. What is STLC
16. Explain Bug attributes
17. Example for a low priority and high Severity
18. Difference between V-model and Agile methodology
19. How many test cases can you write per day
20. What is bug and error
21. Difference between Retesting and Regression testing
22. Difference between smoke testing and sanity testing
23. Types of testings you have done
24. Testing methodologies
25. Blackbox testing techniques
26. Test strategy and Test plan
27. Who prepared test plans in your project
28. They will give one example,they will ask what kind of testing and how to approach
29. Difference between agile methodology and V-model
30. What is V-model
31. Advantages and disadvantages of Agile methodology
32. boundary and equivalence partitioning with examples
33. Decision table and Requirement Traceability matrix
34. Integration and UAT testing
35. Alpha and Beta testing

**Selenium :**

1. Selenium Difference between Selenium RC , IDE and WebDriver
2. Difference between Verify and Assert
3. How many locators available in WebDriver
4. What is a locator

5. What is a WebElement
6. What is the best locator among all the available locators and why.
7. Difference between absolute Xpath and relative Xpath.
8. What is Xpath.
9. How to identify a dynamic WebElement
10. How to verify element text.
11. How to identify WebElement font , size and color
12. How to check the color of a graph
13. isDisplayed() , isEnabled() and isSelected() – what's the return type and how to use
14. How to work with dropdown
15. How to work with Listbox
16. Can we use "Select" class to select an option from all kinds of dropdowns.
17. How to work with Mouse over and keyboard operations.
18. What is the difference between build.perform() and perform()
19. Different methods of WebDriver
20. Different exceptions available in selenium
21. Different exception available in java
22. How to do right click
23. How to refresh page
24. How to minimize and maximize a browser window
25. What are the different wait statements available in selenium
26. How to perform window handling
27. How to perform Alert handling
28. How to perform Frame handling
29. Handling multiple browsers
30. Can selenium handle multiple browsers.
31. Read and write data in Excel (Apache POI)
32. Read and write data into DB
33. Difference between driver.close() and driver.quit()
34. How to select a radio button for a particular text in a web table

R1	India	
R2	China	
R3		US

35. Write a generic methods to select an option from dropdown if available else leave it like that. If available return true , else return false
36. How to click on an object which would be available once the current page loading is completed (An icon would be displayed to show the page is loading, once done it would be unavailable)
37. How many test cases you have automated till now
38. How to configure and run Jenkins
39. How to execute project in Command prompt
40. How to execute testscripts in remote machine

41. How to create a batch file
42. How to handle Authentication window
43. How to perform double click in selenium
44. How to perform drag and drop in selenium
45. Working with xmls in selenium like comparing 2 xmls.
46. Different frameworks to automation
47. u have a table which contains three columns a,b,c.clicking a link in a c column by using b column value.how to implement using automation
48. How to click a button with out using click and mouse operations
49. write a method to fetch dynamic links in a table
50. sendKeys in selenium
51. Challenges in IE, FF and chrome that we faced in selenium automation
52. Disadvantages of using xpath
53. Taking screenshots in webdriver
54. Write a program to automate to click all the links in a page and verify its status.
55. Download a file from browser and saving with your name in the desktop.How to automate this.
56. How to instantiate a browser or open a IE browser using webdriver
57. How to change the port and browser in WebDriver
58. Difference between navigate() and get() in WebDriver
59. Difference ways to refresh a page
60. How to get the name of a browser in webdriver
61. Is there any way to handle dynamic elements other than xpath.
62. what is the difference b/n findElement and findElements
63. what is getWindowHandles in webdriver
64. How to switch to multiple windows
65. which selenium webdriver version u used?
66. Do webdriver supports safari browser
67. Difference between data driven and keyword driven and which have u used in your project.
68. How to submit a form in Webdriver
69. How to handle file upload dialog box in webdriver
70. How to handle Javascript alerts in webdriver
71. How to handle browser pop ups in webdriver --
72. Architecture of Selenium WebDriver
73. Limitations of Selenium WebDriver
74. Architecture of Selenium RC

## **Java:**

1. Mutability and Immutability
2. Overloading and Overriding
3. How to reverse a string without using inbuilt functions
4. How to reverse a string
5. explain try , catch , throw , throws and finally

6. When is main method loads into memory
7. write a program to convert array of words , the first letter of a word to upper if it is in lower , to lower if it is in upper case.
8. Difference between List and Set
9. How to retrieve elements from Set
10. How to retrieve elements from List
11. How to sort elements in a Collection
12. How to sort elements in an array without using inbuilt functions
13. Can we overload main method
14. What is the difference between JDK , JRE and JVM
15. Can we have a try without catch
16. Difference between Interface and Abstract Class
17. Explain OOPS concepts
18. Why multiple class inheritance is not possible in java. How to handle multiple inheritance
19. Write a program using Array list
20. Different types of collections in java
21. What is static
22. Difference between abstract and static
23. Inheritance uses and example
24. When to use Inheritance
25. Polymorphism with examples
26. What is dynamic polymorphism
27. Static and final keywords.
28. Difference between final , finalize and finally
29. Access specifiers , access modifiers and uses
30. What is a package , how to create a package
31. You have array hash which contains three elements like  
a=>1,b=>2,c=>3. you need to get the key for the value 2. Should not use for loop or while. You should use block statement with 1 line code.  
How to write the program
32. Abstraction and Encapsulation with examples in java
33. Super() in java
34. Constructors in java. Constructor overloading
35. Can multiple inheritance supported by java
36. Which OOPS concept uses method overloading and method overriding
37. Casting in java
38. Different string methods in java
39. Threads in java
40. How to start a thread
41. Can we start a thread without using start() method. can we call directly run method to start a thread. what will happen if we directly call a t1.run() method?
42. What is the difference between error and exception
43. Use of final block in exception handling
44. Different ways to implement multi-threading concept
45. Synchronization in java
46. Thread life cycle

47. Which keyword to use for interfaces
48. Ternary operator ? :
49. Getter and setter methods in java
50. Different ways of comparing 2 strings.
51. Different ways of initializing a String
52. How to create a project in eclipse
53. Difference between == , equals and compareTo methods.
54. Can we make a class as protected
55. Difference between protected and default
56. Collections: List , Set , Map
57. Duplicate character count or Duplicate string count in a given array

### **SQL:**

1. Query to retrieve the Names of Employees who have age of less than 30 years.
2. SQL : Insert , select values into and from a table
3. SQL : Delete , drop and truncate
4. Having and Group by clause with example
5. Different types of joins
6. Sub queries
7. DML and DDL commands
8. Use of Joins

### **TestNG:**

1. TestNG life cycle
2. what is invocationCount
3. How to execute a testcase multiple times
4. TestNG or test unit framework. why we use frameworks in automation.
5. How to send data to methods in TestNG
6. How to handle groupings and priority
7. How to run multiple tests parallelly in webdriver. What is the use of Selenium grid.

### **General:**

1. What is Page Object model
2. Tell me about your self
3. Explain about your projects
4. Reporting done in your project
5. What is Page factory and difference between Page factory and page object

