**Selenium Interview Questions**

Data driven testing

1. What is data driven testing / Parametrization\*
2. Why data driven testing\*
3. Advantages of data driven testing \*
4. How read the data from properties file \*
5. How read the data from Excel file \*
6. How to read complete row data from excel?
7. How to read complete row data from excel based on condition? \*
8. How to read complete column data from excel \*
9. Why Excel for test script data rather than properties file \*
10. How to pass Environment parameter from XML file
11. How to pass Environment parameter from JSON file
12. How to pass run time parameter from the CMD-line\*
13. How to execute the selenium test with out IDE\*
14. How to pass maven parameter from the CDM line \*
15. How to receive maven parameter from the CDM line \*
16. How to connect to DataBase using java Code?
17. Explain program to connect to data base \*
18. Where do use DB connection in project and explain the scenario [Project\*]
19. Difference between SQL & NoSQL data base?
20. Write a program to check specific data available in DB? \*
21. What dependency being used to read data from excel and DB?

Generic Utility

1. What is Generic utility?
2. Difference between Generic and business utility?
3. What generic utility for handle new TAB window \*
4. What generic utility wait statements\*
5. What generic utility Excel\*
6. What generic utility wait Database Query execution\*
7. What generic utility properties file\*
8. List of All generic Utility available in framework \*
9. Write one generic method to perform mouse over & drangandDrop action
10. Write one generic method to handle the static and dynamic dropDown \*
11. Advantages and generic utility\*

Object Repository

1. What is Object repository
2. Why OR \*
3. Advantages of OR \*
4. How to manage elements in your Project? [Project\*]
5. What is POM \*
6. Why POM \*
7. Difference between in @findBy and findelement() \*
8. Difference between in @findBy and @findBys , @findAll \*
9. Advantages of POM \*
10. What is stale elements exception and how to handle them \*
11. Write one POM class for One Webpage in your privies project [Project\*]
12. Where do use overloading concepts in POM class \*
13. Where do you “this” keyword \*
14. What is pageFoctory\*
15. How many POM class you created in your previous Project [Project\*]
16. Write business method used in your project [Project\*]
17. How to store handle dynamic elements in POM class \*
18. What is your role in Object repository creation [Project\*]
19. What is POM design pattern , explain POM design pattern rules

TestNG interview Questions

1. What is TestNG , why it is required \*
2. What is TDD and BDD \*
3. Why testNG , why not Junit ?
4. Advantages of TestNg \*
5. With OUT TESTNG , what is the problem for the framework? \*
6. Why TestNG , Why not JUNIT? \*
7. What is Annotation, explain all the annotation which you used in your framework \*
8. What is the use configure annotation in your project \*
9. Explain the execution hierarchy of testNG annotation \*
10. What is batch execution,& how to achieve batch execution\*
11. Write Syntax of testng.Xml\*
12. What is grouping execution,& how to achieve group execution \*
13. What is parallel execution, & how to achieve parallel execution\*
14. How to execute specific @test method via testng.xml \*
15. How to achieve CROSS browser testing using Selenium\*
16. How to achieve distributed parallel execution in project\*
17. When ever we get new build from development team , we have start smoke test fallowed regression test execution and how to achieve this in autmaotion \*
18. How to disable the testNg test scripts, when one class contains multiple @test method\*
19. How to execute same test with multiple times with same data\*
20. How to execute same test with multiple times with different data\*
21. What is ASSERTION /checkPoints , & how many assertion you used in real-time selenium testscripts , explain with real time EG\*
22. What is @parameter annotation in testNG , how to send parameter to testNG test\*
23. What is the @Listener annotation in TestNG\*
24. Difference between testNG-Listner & webDriver Listner\*

52 How to execute only failed test only , when batch execution is Done\*

1. How to execute dependent test-Scripts\*
2. How to skip second test , when first test is failed \*
3. How to execute failed test multiple times \*
4. When ever we get build which test-scripts , what you will execute first\*
5. How do manage common annotation in framework \*
6. How to execute multiple testNG class in order via testng.xml\*

Block- 1 : Framework interview Question\*

1. What is framework , Explain framework architecture with diagram.
2. Which framework you have used in your Project\*
3. Explain framework, with components
4. What is the Role of Automation in YOUR PROJECT
5. What is your role in test automation ?
6. What is the advantages of the Framework/ benefits of framework
7. How many modules you worked on
8. How do we handle **reporting** in your framework
9. Any custom report you used in framework?
10. Where did you use hash-map in framework?
11. Where do you use Polymorphism in your framework?
12. Where do you use Up casting in your framework?
13. Where do we use inheritance in selenium framework?
14. Where do we use Abstraction in selenium framework
15. Where do we use Encapsulation in selenium framework
16. Where do we use Overriding in selenium framework
17. Where do we use Over-Loading in selenium framework
18. Why your framework is hybrid, why not other framework?
19. Explain collection used in selenium with example?
20. What is your role in selenium framework / contribution in framework
21. What your accomplishment ?
22. With out framework , what are the challenges
23. What suggestion you give your FrameWork
24. Explain list of Selenium Exceptions you faced in Real Time

Selenium Grid

1. Why selenium grid is required? \*
2. How to configure Selenium Grid ? \*
3. What is Hub & node concept in selenium grid ?\*
4. How to get list connect node to one hub ?
5. How to achieve cross browser testing
6. Hoe to run the test in AWS / Microsoft assure Cloud machines
7. How do you run the test in browser stack ?
8. What Is the use of DesiredCapabality class in Selenium Grid?
9. What is the use of RemoteWebDriver class & parameter of RemoteWebDriver class
10. How many node can be connected to one HUB ?

Block -2 : GITHUB interview Question

1. What is SVN or GitHub.
2. What is the Role of SVN /Github in Automation
3. What store & get File from SVN/Github
4. What is the advantages of SVN/Github
5. What is Git-Conflict? How do you overcome it?
6. What is pull-request
7. What is Fork & rebase?
8. Explain GIT commands.

Block- 3 : Maven Interview Question

1. What is Maven/ ANT
2. What is Role of Maven Framework
3. What is dependencies , how to handle dependencies in framework
4. What of Project Object Model [POM .xml]
5. How to Execute TestNG.xml in maven POM.xml
6. What is maven profiling?
7. What is maven parameter?
8. Explain build life cycle.
9. What is local repository in maven?
10. What is artifact id and group id?
11. What is build process and deployment process?
12. What plugins you have used in maven?
13. How to run single testNG test case in cmd prompt using?
14. When project contain multiple testNg files how to run specific testng xml file?

Block- 4 : Jenkins Interview Question

1. What is Jenkins
2. What is the Role of Jenkins in Framework
3. What is the Advantages of Jenkins
4. How to configure Jenkins
5. How do you create job in Jenkins?
6. What plugins you have used in Jenkins?
7. What do you mean by CI/CD?
8. Different types of execution in Jenkins?
9. How to configure email in jenkins?
10. How do you schedule job in Jenkins?
11. What is jenkin pipeline?
12. What are jenkin parameters?
13. Via Jenkins , how do we run the testScripts in different environment like Staging , production , development etc.

Scenario based Question

1. What is role of webdriver in your Project ?
2. How many modules you are allocated?
3. What is your daily activity?
4. How many test cases you can automate /day / month/year?
5. How many test case you have Automated in your last project?
6. What processes you fallowed in your last project?
7. How many build you got within releases/Sprint?
8. How may releases/Sprint, u worked in your last project
9. How many bugs, your automation script found?
10. Write an automation code for Login Page for your previous application?
11. When we run 1000 test scripts, few testscripts got failed, then what is first approach?
12. When we run 1000 test scripts, All test scripts got failed, then what might be the Issues?
13. Write a manual test case for Login page?
14. Write a manual test case for Amazon search engine?
15. What me few critical defect which your automation test script found?
16. What is the % of automation test scripts failure?
17. I have 5000 test scripts , if I go for sequential execution it will take 10 hours , I want to get the result within 5 hours , what is your approach?
18. Same test scripts working fine with Firefox , but not working in chrome Brower , what might be the issue ?

Manager round Interview Question

1. What is your roles & responsibility in your last project
2. When you start Automation ?
3. What is not automatable ?
4. What are the challenges of the Automation
5. What Automation Process fallows in your Company
6. What is the Entry & exit criteria of the Automation
7. Why Automation , explain role of Automation in Regression Testing
8. Set of Manual test case is given to You , than what you do very first step?
9. What exactly review in your test scripts
10. How have communicated with dev team
11. Have a used any test management tool for manual test case allocation?
12. How test automation scripts progress is tracked?
13. How is the challenges of automation in Agile Process ?
14. Tell tools & technology used in automation ?
15. What is good qualities of automation test engineer ?