**JAVA**

1. Explain Static keyword
2. Explain Final keyword
3. Explain this keyword
4. Explain super keyword
5. Difference between this and super keyword
6. Difference between final and abstract class
7. Explain OOPS concept
8. Explain the OOPS concept implemented in your project
9. Explain the difference between Array and Collection
10. Explain the Collection architecture
11. Difference between list and set
12. Explain Multithreading
13. Explain Synchronization
14. Explain Serialization
15. Explain final, finally and finalize
16. What is Thread in Java
17. Explain String
18. Difference between StringBuffer and StringBuilder
19. Exception Handling
20. Difference between throw and throws
21. Explain Reflection in java
22. What is Garbage collector
23. Local, Instance and Static variable
24. Explain Java Generics
25. Explain about Constructor
26. Difference between Constructor and Methods
27. Explain about Access Modifier
28. Explain about Interface
29. What is tagged interface
30. Difference between Interface and Abstract class
31. Difference between Method Overriding and Method Overloading
32. Can we overload java main method?
33. Can we override java main method?
34. Can we override static method?
35. Explain about Run time polymorphism
36. Difference between Parent objp = new Child(); | Child objc = new Child();
37. Difference between == operator and .equals() method
38. Difference between length variable and length() method
39. Explain Daemon Thread
40. What is toString() method
41. Explain java main method
42. Explain System.out.printlin();
43. Garbage collector
44. How will you create object for singleton class
45. JDBC connectivity

**Selenium**

1. Explain the Selenium components
2. Explain the Selenium WebDriver Architecture
3. Explain the locators in Selenium
4. What will you prefer Xpath or ID
5. Explain css selector
6. WebDriver is class or interface
7. ChromeDriver is class or interface
8. Explain about Remote WebDriver
9. Explain webdriver commands
10. How will you handle drop down
11. How will you handle drop down without using Select class
12. How will you handle pop-ups and alert in selenium
13. How will you handle window/desktop pop up
14. How will you handle frames
15. Explain about Actions class
16. Explain the types of xpath
17. Explain about HTML DOM structure
18. Explain about parent child/siblings/ansector-descendant/contains in xpath
19. Difference between findelement and findelements
20. Explain about Synchronization
21. Difference between implicit and explicit wait
22. What class is used for explicit wait
23. What is fluent wait
24. What is Wait? Class or Interface
25. What is different method to launch the web browser and explain
26. Write a code for Screenshot
27. Difference between getWindowHandle and getWindowHandles
28. How will you handle browser window
29. Write the code for Excel read and write
30. How will you handle the dynamic web table
31. How will you perform scroll down
32. What all are the exceptions in selenium
33. Explain about StaleElementException
34. How will you handle stale element exception
35. What exception we will get for timeout
36. Difference between quit and close
37. Difference between isDisplayed, isEnabled and isSelected
38. Difference types of interface in Selenium
39. Explain about properties file
40. How will you handle time outs in selenium
41. How will you create wrapper methods for doclick, sendkeys , getpagetitle etc..
42. How will you create generic methods for object creation

**TestNG**

1. What is TestNG
2. Advantages of TestNG
3. Explain the TestNG annotation in sequence
4. Explain the Attributes of TestNG (Groups, dependOnMethod, priority, invocationcount, enabled, invocationTimeout, Excepted Exception)
5. Explain about @Factory annotation
6. What is Assertion
7. Difference between SoftAssert and HardAssert
8. Explain @Parameters in TestNG
9. Explain about DataProvider in TestNG
10. Explain about TestNG Listeners
11. How will you retry the failed testcases in TestNG
12. Explain about TestNG.xml file
13. How will you do parallel execution in TestNG.xml file
14. Advantage of TestNG over Junit
15. Explain about @cacheLookup
16. Explain about ExtentReport

**Cucumber**

1. Explain about BDD framework
2. Explain about Cucumber
3. Difference between TDD and BDD framework
4. How does Cucumber works
5. Explain about Features file, step definition file and cucumber runner class
6. Explain about Gherkin syntax
7. Advantage of BDD framework
8. Keywords in cucumber
9. Explain about Scenario Outline
10. Explain about cucumber runner class
11. Explain about cucumber options
12. Explain about tags in cucumber
13. Different ways to achieve data driven in cucumber framework
14. What is the return type of raw()
15. Explain about hooks and tagged hooks

**POM**

1. What is POM
2. What is page object
3. What is page factory
4. Advantage of POM

**Maven**

1. What is Maven
2. Advantage of Maven
3. Explain about POM.xml
4. What is Maven Artifact
5. Maven Build life cycle
6. What is group id, artifact id, version
7. Explain about maven repository and types
8. Explain about super POM
9. Explain about build plugins in maven
10. Explain about surfire and complier plugin
11. Maven command to execute the testcase in cmd

**JIRA**

1. What is JIRA
2. How will you create issue in JIRA
3. Explain JIRA workflow
4. Issue types in JIRA
5. Colour code in JIRA
6. Clone in JIRA

**Jenkins**

1. What is Jenkins
2. What is CI and CD
3. Difference between continuous delivery and continuous deployment
4. How will you create job in Jenkins
5. What is cron pattern
6. What is automated deployment process
7. What is pipeline
8. When will you go for nightly execution and day execution
9. What is your contribution towards Jenkins
10. How will you automate the defect life cycle
11. What is upstream and downstream job
12. Explain about pre-build and post-build actions

**GITHUB**

1. What is git
2. What is github
3. Difference between git and github
4. Explain the Github workflow
5. Difference between git pull and git clone
6. Git push, git fetch, git conflict, git stash, git revert, git reset, git clean, git fork, git squash, git merge, working tree
7. What is staging area
8. What is origin in “git push **origin** master”
9. How will you check the version id
10. What is Head
11. What is SSH key

**Manual**

1. Explain about SDLC process
2. Explain about STLC process
3. What is regression, integration, system, module, user acceptance testing
4. What is exploratory, adhoc, buddy, pair testing
5. What is smoke and sanity testing
6. What is alpha and beta testing
7. Explain about defect life cycle
8. What is latent bug
9. What is show stopper bug
10. What is entry and exit criteria
11. Difference between QA and QC
12. Difference between verification and validation
13. What is RTM
14. What is test plan
15. What is test strategy
16. Explain about test execution report and test summary report

**General Questions**

1. Self Intro
2. Explain about project
3. Explain about the current project framework architecture
4. Roles and responsibilities
5. Agile Methodology