# Set 1

Automation Questions for 5+ Years of Experience…  
  
What build tools have you used?  
Can you elaborate on your experience with CI/CD pipelines?  
Have you conducted Performance Testing?  
What is an Archetype in Maven?  
Why do we use Maven?  
Explain the dependency, artifact ID, group ID, and scopes in pom.xml.  
How do you execute a test case in Jenkins when using Maven?  
What command is used in Jenkins to execute test cases?  
What is a cron job in Jenkins?  
How do you revert your latest commit in Git?  
What is the difference between merge and rebase in Git?  
How do you create a branch in Git?  
Describe your approach to automating APIs and building a framework from scratch.  
If the sample body or request body is not provided, how would you proceed? What dependencies would you consider?  
Can you explain the status codes 402, 503, 404, and 202?  
What does a status code 400 in an API indicate?  
What is the difference between soft and hard assertions in TestNG?  
If you want to execute specific test cases from a feature in TestNG, what changes would you make in the testng.xml file?  
How can you pass values from testng.xml into your test case?  
How do you run test cases in parallel in TestNG?  
What is the maximum number of threads allowed for parallel execution in TestNG?  
What are aggregate functions in SQL?  
Explain the cascading effect between foreign keys and primary keys.  
What is an equijoin in SQL?  
Can you define a candidate key in SQL?  
Query to fetch 2nd highest score from student table.  
What tools do you use for reporting?  
What are desired capabilities in Selenium?  
Can you explain the Page Object Model?  
How does Selenium WebDriver interact with web browsers? Describe the architecture.  
How would you construct an XPath for a departure field without using class or ID attributes in goibibo website?  
How can you handle dynamic dropdowns in Selenium?  
How do you manage windows in Selenium?  
What if you want to execute parallel test cases in Selenium without using TestNG?  
What is the difference between final, finally, and finalize in Java?  
Can you differentiate between HashMap and Concurrent HashMap?  
Difference between the Abstract Factory and Factory Method patterns.  
What is the difference between String Builder and String Buffer?  
Print all prime numbers between 1 and 30 (inclusive).  
Given an array of integers, return the k most frequent elements.  
Find the total number of continuous subarrays whose sum equals k.  
Perform an in-order traversal of a binary tree.  
How would you extract data from an API call response in JMeter and use it in another test case within the same thread group?  
If you have multiple thread groups enabled in JMeter, will they run sequentially or in parallel?