

Part 6: Discuss what are the tests (Smoke, performance, Load/stress, Reliability, Acceptance test) Then relate to Appium (Own tests not needed in this section)

Part 7: Discuss Test Execution in Appium.

Test cycles: What are the test cycles in Appium?

Approaching a new feature: How do you add a new feature in Appium?

Test data: What are the test data that you can use in Appium and how to create test data?

Tracking and reporting test results: How can you track and report test results in Appium?

PART 8: Discuss what is Defect Processing

Defect life cycles: What is the defect life cycle and give a discussion on each phase

Severity and priority of defects: Explain what is severity and priority in defects(separate discussion) then provide an outlook.

Writing good defect reports: What is a defect report, what are the elements of a good defect report, and what are the characteristics of a defect report?

Efficient use of defect tracking tools: Discuss what are defect tracking tools. Discuss about proper defect management. What are the characteristics of defect tracking tools? What are the advantages and disadvantages of defect tracking tools? How to use defect tracking tools in Appium.

PART 9: Test Automation

Test automation approaches: Discuss about test automation approaches then discuss the types of testing, tests, phases of testing, and the frameworks in testing.

Automation process: Discuss about automation process and relate to Appium

Unit test frameworks: What are unit test frameworks and what framework does Appium use?

Automation of regression testing: What is regression testing? What is automated regression testing? Why should regression testing be automated? What are the types of regression testing? What are the best practices in automated regression testing?

Minimizing test automation maintenance: How can Appium be used to minimize test automation maintenance?

Part 10

We will demo tests and provide results and screenshots