Appium Automation Interview Questions with Coding

# Fresher Level

1. What is Appium?

2. What are the advantages of using Appium for mobile automation testing?

3. What are desired capabilities in Appium?

4. How does Appium work under the hood?

5. Which programming languages are supported by Appium?

# Intermediate Level

1. How do you locate elements in Appium?

2. What is the Appium Inspector and how is it used?

3. How do you handle gestures like swipe, tap, scroll in Appium?

4. How do you automate a hybrid mobile application using Appium?

5. What are the common exceptions in Appium and how to handle them?

# Experienced Level

1. How do you integrate Appium with a CI/CD pipeline?

2. How do you handle synchronization issues in Appium tests?

3. What are some strategies to maintain Appium test scripts?

4. How do you handle parallel execution of Appium tests?

5. What are the best practices for mobile automation testing with Appium?

# Scenario-Based Coding Questions

## 1. Login Test for a Mobile App

Write an Appium test script to automate login functionality. Assume the app has username, password fields and a login button. Validate successful login by checking the presence of a home screen element.

## 2. Scrolling to an Element

Write a script that scrolls through a long list to find a specific element by its text and clicks on it.

## 3. Automate Date Picker

Write a test to select a specific date from a date picker in an Android app.

## 4. Switching Contexts in a Hybrid App

Write an Appium test that switches from native to webview context and interacts with web elements.

## 5. Validate Toast Message

Write a test that validates the appearance and content of a toast message after performing an action.