**Prompt : -** Summarize this text and for each summary point, quote the sentence from the original text that support it

**1. API Testing Validates Core Functionality and Security**

**Summary Point:** API testing ensures backend logic, input handling, and security mechanisms work correctly across varied scenarios.

**Supporting Quote:**

“API testing means testing Application Programming Interfaces (APIs) to test if they work as expected, meet performance standards, and handle errors.”

**2. Functional, Security, and Performance Testing Are Essential**

**Summary Point:** QA professionals must master functional, security, and performance testing to cover real-world API behaviors.

**Supporting Quote:**

“The primary focus areas include: Functionality… Performance… Security… Reliability.”

**Additional Quote:**

“API testing also involves non-functional testing types, depending on the test scope: Performance Testing… Security Testing.”

**3. Tool Proficiency Is Crucial for Intermediate-Level QA**

**Summary Point:** Hands-on experience with Postman, REST Assured, and SoapUI is expected in interviews and real-world projects.

**Supporting Quote:**

“Postman is a powerful API testing tool… REST Assured is a Java library that simplifies writing automated tests… SoapUI provides advanced features for functional, security, and load testing.”

**4. Interview Preparation Requires Scenario-Based Thinking and CI Integration**

**Summary Point:** Candidates should practice scenario-based test design and demonstrate CI/CD integration for automation maturity.

**Supporting Quote:**

“Practice testing common API flows like CRUD operations and error handling… Integrate API testing into a CI/CD pipeline.”

**Additional Quote:**

“Use Newman or REST Assured to execute API tests… Configure post-build actions to publish results.”