1. **Which test level focuses on verifying the functionality of individual units or components of software?**
   * A) Integration testing
   * B) System testing
   * C) Component testing
   * D) Acceptance testing
   * **Correct Answer:** C) Component testing
2. **Which test level evaluates the interaction between integrated components or modules?**
   * A) Unit testing
   * B) System testing
   * C) Component testing
   * D) Acceptance testing
   * **Correct Answer:** A) Integration testing
3. **Which test level is also known as end-to-end testing, focusing on testing the entire software system as a whole?**
   * A) Component testing
   * B) Integration testing
   * C) System testing
   * D) Acceptance testing
   * **Correct Answer:** C) System testing
4. **Which test level focuses on verifying that the software meets the specified requirements and user expectations?**
   * A) System testing
   * B) Regression testing
   * C) Acceptance testing
   * D) Integration testing
   * **Correct Answer:** C) Acceptance testing
5. **Which test level involves re-testing of modified or updated software to ensure that defects have been fixed and no new issues have been introduced?**
   * A) Regression testing
   * B) System testing
   * C) Acceptance testing
   * D) Integration testing
   * **Correct Answer:** A) Regression testing
6. **Which test level involves testing the software in a production-like environment to validate its readiness for actual use by end-users?**
   * A) Component testing
   * B) User acceptance testing
   * C) System testing
   * D) Integration testing
   * **Correct Answer:** B) User acceptance testing
7. **Which test level focuses on verifying the behavior of the software under real-world scenarios, simulating end-user interactions?**
   * A) Component testing
   * B) System testing
   * C) Performance testing
   * D) Acceptance testing
   * **Correct Answer:** C) Performance testing
8. **Which test level involves verifying that the software functions correctly across different hardware, software, and network configurations?**
   * A) System testing
   * B) Compatibility testing
   * C) Acceptance testing
   * D) Integration testing
   * **Correct Answer:** B) Compatibility testing
9. **Which test level is primarily concerned with the software's adherence to internal design and coding standards?**
   * A) Unit testing
   * B) Component testing
   * C) Integration testing
   * D) System testing
   * **Correct Answer:** A) Unit testing
10. **Which test level is typically performed to ensure that the software is compatible with different operating systems, browsers, and devices?**
    * A) System testing
    * B) Integration testing
    * C) Compatibility testing
    * D) Regression testing
    * **Correct Answer:** C) Compatibility testing
11. **Which test level is performed by the development team to ensure that individual units or modules work correctly in isolation?**
    * A) System testing
    * B) Integration testing
    * C) Unit testing
    * D) Acceptance testing
    * **Correct Answer:** C) Unit testing
12. **Which test level verifies that the software meets the specified business requirements and objectives?**
    * A) Integration testing
    * B) Acceptance testing
    * C) System testing
    * D) Regression testing
    * **Correct Answer:** B) Acceptance testing
13. **Which test level involves testing the software's ability to handle a high volume of concurrent users and transactions?**
    * A) Load testing
    * B) Stress testing
    * C) Performance testing
    * D) System testing
    * **Correct Answer:** C) Performance testing
14. **Which test level focuses on ensuring that the software functions correctly after modifications or enhancements?**
    * A) Regression testing
    * B) System testing
    * C) Acceptance testing
    * D) Integration testing
    * **Correct Answer:** A) Regression testing
15. **Which test level is primarily concerned with verifying the integration and interaction between different components or modules?**
    * A) System testing
    * B) Integration testing
    * C) Unit testing
    * D) Acceptance testing
    * **Correct Answer:** B) Integration testing
16. **Which test level involves testing the software from an end-user perspective, focusing on usability and user experience?**
    * A) System testing
    * B) Acceptance testing
    * C) Component testing
    * D) Integration testing
    * **Correct Answer:** B) Acceptance testing
17. **Which test level ensures that the software complies with relevant regulatory requirements and standards?**
    * A) System testing
    * B) Compliance testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** B) Compliance testing
18. **Which test level involves testing the software's ability to recover from failures or disruptions?**
    * A) Recovery testing
    * B) Regression testing
    * C) System testing
    * D) Integration testing
    * **Correct Answer:** A) Recovery testing
19. **Which test level is performed to validate the software's security features and defenses against potential threats?**
    * A) Security testing
    * B) System testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** A) Security testing
20. **Which test level focuses on ensuring that the software is easily maintainable and extensible?**
    * A) System testing
    * B) Maintainability testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** B) Maintainability testing
21. **Which test level ensures that the software functions correctly across different geographical regions and cultural settings?**
    * A) Localization testing
    * B) System testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** A) Localization testing
22. **Which test level involves testing the software's ability to handle data input/output and storage operations?**
    * A) System testing
    * B) Data integrity testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** B) Data integrity testing
23. **Which test level ensures that the software's user interfaces (UI) are intuitive, consistent, and responsive?**
    * A) System testing
    * B) Usability testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** B) Usability testing
24. **Which test level involves testing the software's compatibility with third-party libraries, APIs, and services?**
    * A) Integration testing
    * B) System testing
    * C) Acceptance testing
    * D) Interface testing
    * **Correct Answer:** D) Interface testing
25. **Which test level focuses on ensuring that the software performs efficiently within the specified resource constraints (e.g., memory, CPU)?**
    * A) System testing
    * B) Efficiency testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** B) Efficiency testing
26. **Which test level involves testing the software's response to unexpected or extreme conditions (e.g., heavy load, low memory)?**
    * A) Recovery testing
    * B) Stress testing
    * C) System testing
    * D) Integration testing
    * **Correct Answer:** B) Stress testing
27. **Which test level ensures that the software can be installed, configured, and uninstalled correctly on different environments?**
    * A) Installation testing
    * B) System testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** A) Installation testing
28. **Which test level involves testing the software's compatibility with different versions of operating systems and dependencies?**
    * A) Version compatibility testing
    * B) System testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** A) Version compatibility testing
29. **Which test level focuses on verifying the software's ability to handle simultaneous interactions from multiple users or components?**
    * A) System testing
    * B) Integration testing
    * C) Concurrency testing
    * D) Acceptance testing
    * **Correct Answer:** C) Concurrency testing
30. **Which test level involves testing the software's behavior during startup, shutdown, and restart operations?**
    * A) System testing
    * B) Startup testing
    * C) Integration testing
    * D) Acceptance testing
    * **Correct Answer:** B) Startup testing