

## UNIT V

1. Software is tested to uncover errors that were made inadvertently as it was designed and constructed.
2. A Test Specification document is the work product of software testing
3. To perform effective testing, you should conduct effective technical reviews
4. Testing and debugging are different activities
5. Verification: “Are we building the product right?”
6. Validation: “Are we building the right product?”
7. ITG stands for independent test group
8. Software testing strategy may be viewed as Spiral model
9. Initially, tests focus on each component individually, ensuring that it functions properly as a unit. Hence, the test is named as unit testing.
10. System testing is the last high-order testing
11. Driver and/or stub software must often be developed for each unit test.
12. Integration testing is a systematic technique for constructing the software architecture while at the same time conducting tests to uncover errors associated with interfacing.
13. Regression testing may be conducted to ensure that new errors have not been introduced.
14. Smoke testing is an integration testing approach that is commonly used when product software is developed.
15. Functional validity. Tests designed to uncover functional errors are conducted.
16. Cluster testing is one step in the integration testing of OO software.
17. The alpha test is conducted at the developer’s site by a representative group of end users.
18. The beta test is conducted at one or more end-user sites.
19. A variation on beta testing, called customer acceptance testing,
20. Many computer-based systems must recover from faults and resume processing with little or no downtime.
21. Security testing attempts to verify that protection mechanisms built into a system will, in fact, protect it from improper penetration.
22. Stress testing executes a system in a manner that demands resources in abnormal quantity, frequency, or volume
23. A variation of stress testing is a technique called sensitivity testing.
24. Performance testing is designed to test the run-time performance of software within the context of an integrated system.
25. Deployment testing, sometimes called configuration testing
26. Debugging is not testing but often occurs as a consequence of testing