



Designing Test Suites



Introduction



Theory



Simulation



Case Study



Self-evaluation



Procedure




Exercises




References


1. Software testing is the process of

- ☐ Demonstrating that errors are not present
- ☐ Establishing confidence that a program does what it is supposed to do
- ☐ Executing a program to show that it is working as per specifications
- ☒ Executing a program with the intent of finding errors 


2. Alpha testing is done by

- ☐ Customer
- ☐ Tester
- ☒ Developer 
- ☐ All of the above


3. Test suite is

- ☒ Set of test cases 
- ☐ Set of inputs
- ☐ Set of outputs
- ☐ None of the above


4. Regression testing is primarily related to

- ☐ Functional testing
- ☐ Data flow testing
- ☐ Development testing
- ☒ Maintenance testing 

5. Acceptance testing is done by

- ☐ Developers
- ☒ Customers 
- ☐ Testers
- ☐ All of the above

6. Testing the software is basically

- ☐ Verification
- ☐ Validation
- ☒ Verification and Validation 
- ☐ None of the above

7. Functionality of a software is tested by

- ☐ White box testing



☐ None of the above

8. Top down approach is used for

☐ Development

☒ Identification of faults ✓

☐ Validation

☐ Functional testing

9. Testing of software with actual data and in the actual environment is called

☐ Alpha testing

☒ Beta testing ✓

☐ Regression testing

☐ None of the above

10. During the development phase, which of the following testing approach is not adopted

☐ Unit testing

☐ Bottom up testing

☐ Integration testing

☒ Acceptance testing ✓

11. Beta testing is carried out by

☒ Users ✓

☐ Developers

☐ Testers

☐ All of the above

12. Equivalence class partitioning is related to

☐ Structural testing

☒ Black box testing ✓

☐ Mutation testing

☐ All of the above

13. During the software validation:

☐ Process is checked

☐ Product is checked

☐ Developers' performance is evaluated

☒ The customer checks the product ✓

14. Software mistakes during coding are known as:

☐ Failures

☐ Defects

☒ Bugs ✓

☐ Errors

15. Which is not a functional testing technique ?

☐ Boundary value analysis

☐ Decision table

☒ Regression testing ✓

☐ None of the above

