

CTFL V4.0 Chapter-1 Practice Questions Set-1 (Answers)

1. D
2. D
3. D
4. B
5. B
6. B
7. C

Explanation: (a) Is not correct. Testing is context dependent, regardless of it being manual or automated (principle #6), but does not result in detecting a decreasing number of faults as described above

(d) Is not correct. "Defect cluster together" (principle #4). A small number of modules usually contain most of the defects, but this does not mean that fewer and fewer defects will be found

(b) Is not correct. Exhaustive testing is impossible, regardless of the amount of effort put into testing (principle #2)

(c) Is correct. Principle #5 says "If the same tests are repeated over and over again, eventually these tests no longer find any new defects. To detect new defects, existing tests and test data may need changing, and new tests may need to be written." Automated regression testing of the same test cases will not bring new findings

8. D
9. C
10. C
11. C
12. B
13. C
14. D
15. A
16. D
17. A
18. C
19. D
20. B