**Answer:** **(D)**   
  
**Explanation:** Mutation testing is a fault simulation technique. In this, the fault is introduced in the program by creating the mutant of the actual program. Mutant programs are the version of the actual program. When the testing is performed on actual program and its mutant program with the same test cases than the actual program and mutant program should generate at least one different output which leads the mutant program to get failed and show the effectiveness of the test cases.

Option (D) is correct.