

Clarification – FRC #14 - RankForge 2027 Test 12

There are no changes in the paper. Clarification is provided for Q.53 and Q.55

Q.53) A doubt has been raised whether the given answer is correct or not.

Exp) The answer remains same (Option c)

In Data Sufficiency problems, an unmentioned variable cannot be assumed to remain constant. The volume of a cuboid depends on three distinct dimensions: length, breadth, and height.

Statement 1 specifies the changes to length and breadth but provides zero information about the height. The final volume change cannot be determined because the height could have increased, decreased, or remained the same during the renovation. Calculating a 10% decrease from this statement alone is mathematically invalid because the height's status remains completely unknown.

Similarly, Statement 2 only dictates the change in height. It leaves the modifications to length and breadth entirely unknown, making it impossible to calculate the final volume independently.

To find the exact percentage change in volume, data for all three dimensions is strictly required. This complete set of information is only available when combining both statements, making Option (c) the only correct choice.

Q.55) A doubt has been raised whether the given answer is correct or not.

Exp) The answer remains the same (Option c).

Conclusion-III (Follows): It is given that some treaties are conventions and no act is a treaty. Therefore, the specific conventions that overlap with treaties can never be acts. This makes Conclusion-III definitely true.

Conclusion-I and Conclusion-II (Either/Or): The statements give absolutely no information connecting "bills" and "conventions." Because their relationship is unknown, they will either touch (Some bills are conventions) or they won't touch (No bill is a convention). Because one of these two realities must be true, they form a strict complementary "Either/Or" pair.

Conclusion-IV (Does not follow): We know some bills are acts, and no act is a treaty. Therefore, the bills that are acts can never be treaties. Because at least some bills are blocked from being treaties, it is impossible for all bills to be treaties.