

# Mixtures And Alligations Questions Overview

Mixtures And Alligations Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Mixtures And Alligations Questions.

## Question

Amrita realized that her milkman is adding water to the milk, so she complained to him about the adulteration in the milk. She asked him not to do this again, so earlier the milk was adulterated to an extent of 20%. What proportion of 8 litres of the adulterated mixture should be replaced by pure milk so that the concentration increases to 95%?

Difficulty : Moderate

Average Time : 41 Seconds

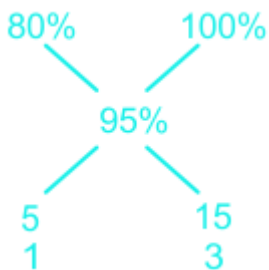
Options :

1. 6 litres
2. 7 litres
3. 3 litres
4. 4 litres
5. None of these

## Solution

The correct answer is **option 1** i.e. **6 litres**.

By using alligation



3 corresponds to 100% milk

So the amount of mixture that should be replaced with pure milk =  $\frac{3}{4} \times 8$

= 6 litres

