



Mixtures And Alligations Questions Overview

Mixtures And Alligations Questions have a good weightage in the Ssc Cgl Exam and the type of question asked in Ssc Cgl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Mixtures And Alligations Questions.

Question On Mixtures And Alligations

In a 96 litre mixture of water and milk, water is only 40%. The milkman sold 12 litres of the mixture to a customer and then added 10 litres of pure milk and 15 litres of water to the mixture. What is the approximate percentage of water in the final mixture?

Difficulty : Moderate

Average Time : 40 Seconds

Mixtures And Alligations Questions Options

1. 47%
2. 33%
3. 45%
4. 42%
5. 38%

Mixtures And Alligations Questions Solution

The correct answer is **Option 3** i.e. **45%**

In a 96 litre mixture of water and milk, water is only 40%.

The milkman sold 12 litres of the mixture to a customer.

Hence,

Remaining quantity of water = $(96 - 12) \times 0.4$

= 84×0.4

= 33.6 litres

Quantity of milk = $84 - 33.6 = 50.4$ litres

He added 10 litres of pure milk and 15 litres of water in the mixture.

Hence,

Final quantity of water

$$= 33.6 + 15$$

$$= 48.6 \text{ litres}$$

$$\text{Quantity of milk} = 50.4 + 10 = 60.4 \text{ litres}$$

$$\text{Total quantity of final mixture} = 84 + 10 + 15 = 109 \text{ litres}$$

Hence, Percentage of water in the final mixture.

$$= [48.6/109] \times 100$$

$$= 44.58 \text{ or } 45\% \text{ (Approx.)}$$

Mixtures And Alligations Questions Tips and Tricks



1. Try to solve Mixtures And Alligations Questions without taking any help from the solutions.
2. Mixtures And Alligations Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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Exam Results
Exam Cutoff
Exam Eligibility
Exam Pattern
Answer Key
Important Days



Further Guidance on Mixtures And Alligations Questions

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KD live has an expertise in providing apt explanations for the Mixtures And Alligations Questions since 2008. More than 10 lakh aspirants have cleared competitive exams under the guidance of Neetu Mam. Study.kdcampus.live is providing free information on various topics and for the Ssc Cgl Exam you can refer the following link [Click Here](#) however if you want to practice more questions then please refer the following link [Click Here](#).

About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Mixtures And Alligations Questions. She has guided her team to provide the best explanation for the question.