



Mathematical Reasoning Questions Overview

Mathematical Reasoning 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 Mathematical Reasoning Questions.

Question On Mathematical Reasoning

Three friends A, B and C have different amounts of rupees with them. If B takes Rs. 7 from A, then B will have an equal amount as C has. B and C together have a total of Rs. 157. How many rupees does C have?

Difficulty : Moderate

Average Time : 39 Seconds

Mathematical Reasoning Questions Options

1. 83
2. 82
3. 80
4. 81

Mathematical Reasoning Questions Solution

The correct answer is **Option 2** i.e. **82**

Understanding	Application
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Suppose A, B and C have Rs. a, b, and c with them respectively	From equation I and II:
According to the question:	$b + (b + 7) = 157$
If B takes Rs. 7 from A, B will have an equal amount as C.	$2b + 7 = 157$
$b + 7 = c$ ----- (I)	$2b = 157 - 7$
B and C together have a total of Rs. 157:	$2b = 150$
$b + c = 157$ ---- (II)	$b = 75$
	Therefore, $c = 75 + 7 = 82$
	So, C has Rs. 82

Mathematical Reasoning Questions Tips and Tricks



1. Try to solve Mathematical Reasoning Questions without taking any help from the solutions.
2. Mathematical Reasoning 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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About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the



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