

## Algebra Questions Overview

Algebra 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 Algebra Questions.

## Question On Algebra

The income of Amala is 20% more than that of Bimala and 20% less than that of Kamala. If Kamala's income goes down by 4% and Bimala's goes up by 10%, then the percentage by which Kamala's income would exceed Bimala's is nearest to

Difficulty : Moderate

Average Time : 38 Seconds

## Algebra Questions Options

1. 28
2. 31
3. 29
4. 32

## Algebra Questions Solution

The correct answer is **Option 2** i.e. **31**

Let the incomes of Amala, Bimala, and Kamala be 'A', 'B' & 'K' respectively.

$$A = 1.2B$$

$$A = 0.8K$$

If Kamala's income goes down by 4%

$$K' = 0.96K$$

If Bimala's income goes up by 10%

$$B' = 1.1B$$

$$A = 1.2(B'/1.1)$$

$$A = 12B'/11$$

$$A = 0.8(K'/0.96)$$

$$A = 5K'/6$$

$$5K'/6 = 12B'/11$$

$$K' = 72B'/55$$

$$\text{Required percentage change} = ((K' - B')/B') \times 100$$

$$((72B'/55 - B')/B') \times 100$$

$$(17/55) \times 100$$

$$30.9\% \text{ or } 31\%$$

## Algebra Questions Tips and Tricks



1. Try to solve Algebra Questions without taking any help from the solutions.
2. Algebra 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 Cutoff  
Exam Eligibility  
Exam Pattern  
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## Further Guidance on Algebra Questions

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## About KD Live

KD live has an expertise in providing apt explanations for the Algebra 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 Algebra Questions. She has guided her team to provide the best explanation for the question.