



Percentage Questions Overview

Percentage Questions have a good weightage in the Ssc Chsl Exam and the type of question asked in Ssc Chsl 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 Percentage Questions.

Question On Percentage

A part of Anil's salary is constant and a part of it is variable. His variable salary increased by 50% and 33.33% at the end of two consecutive years as a result of which his total salary now is 30% more than his total salary 2 years back. What percent of his total salary was his fixed salary 2 years ago?

Difficulty : Moderate

Average Time : 41 Seconds

Percentage Questions Options

1. 64%
2. 75%
3. 60%
4. 70%

Percentage Questions Solution

The correct answer is **Option 4** i.e. **70%**.

Let the fixed part be x and the variable part be y

Total salary = $x + y$

Variable salary after first increment = $(100 + 50) \%$ of $y = 1.5y$

Variable salary after second increment = $(100 + 33.33) \%$ of $1.5y = (4/3) \times 1.5y = 2y$

Total salary after two increments = $x + 2y$

The new salary is 30% more than the previous salary,

$(100 + 30)\%$ of $(x + y) = x + 2y$

$$1.3x + 1.3y = x + 2y$$

$$0.3x = 0.7y$$

$$x/y = 7/3$$

Let x be 7 units and y be 3 units

Total salary = $x + y = 10$ units

Percentage of constant salary = $(7/10) \times 100 = 70\%$

Percentage Questions Tips and Tricks



1. Try to solve Percentage Questions without taking any help from the solutions.
2. Percentage 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 KD Live

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