



# Mathematical Reasoning Questions Overview

Mathematical Reasoning 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 Mathematical Reasoning Questions.

## Comprehension On Mathematical Reasoning Questions

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Smoking causes mutation in cells leading to cancer. Quitting smoking can help reverse the (1)\_\_\_\_\_ risk; and it can replenish cells that actually (2)\_\_\_\_\_ those of a person who has never smoked. The (3)\_\_\_\_\_ you smoke the more mutations you have. The (4)\_\_\_\_\_ damage to the cells lining the airway and lungs can (5)\_\_\_\_\_ to cancers in the lungs, oesophagus, larynx and pharynx.

## Question On Mathematical Reasoning

Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the equation correct.  $135 * 15 * 3 * 2 * 13 * 16$

Difficulty : Moderate

Average Time : 57 Seconds

## Mathematical Reasoning Questions Options

1.  $\times, +, =, \div,$
2.  $=, \times, +, \div,$
3.  $+, \div, , =, \times$
4.  $\div, \times, +, , =$

## Mathematical Reasoning Questions Solution

The correct answer is **option 4** i.e.  $\div, \times, +, , =$ .

Given equation:  $135 * 15 * 3 * 2 * 13 * 16$

Let us check all the options:

**Option 1:**  $\times, +, =, \div,$

The expression becomes:

$$= 135 \times 15 + 3 = 2 \div 13 - 16$$

= 2028 is not equal to -15.84.

**Option 2:**  $=, \times, +, \div,$

$$= 135 = 15 \times 3 + 2 \div 13 - 16$$

= 135 is not equal to 29.15.

**Option 3:**  $+, \div, , =, \times$

$$= 135 + 15 \div 3 - 2 = 13 \times 16$$

= 138 is not equal to 208.

**Option 4:**  $\div, \times, +, , =$

$$= 135 \div 15 \times 3 + 2 - 13 = 16$$

= 16 is equal to 16.

Hence, **option 4** is the correct answer.

## Mathematical Reasoning Questions Tips and Tricks



- 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 Mathematical Reasoning Questions. She has guided her team to provide the best explanation for the question.



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