# Input Output Questions Overview

Input Output 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 Input Output Questions.

# Comprehension On Input Output Questions

Direction: Study the given information carefully and answer the given questions. A number arrangement machine when given an input line of numbers rearranges them following a particular rule. The following is an illustration of Input and rearrangement. Input: 30, 15, 29, 20, 6, 21 Step 1: 7, 30, 15, 29, 20, 21 Step 2: 34, 7, 30, 29, 20, 21 Step 3: 69, 34, 7, 30, 29, 21 Step 4: 100, 69, 34, 7, 30, 29 Step 5: 170, 100, 69, 34, 7, 30 Step 6: 216, 170, 100, 69, 34, 7, 30 Answer the following questions based on the following input: Input: 9, 3, 16, 54, 15, 50

# Question On Input Output

Which is the second element from left in step 3?

**Difficulty : Moderate**

**Average Time : 47 Seconds**

# Input Output Questions Options

1. 4
2. 3
3. 54
4. 80
5. 22

# Input Output Questions Solution

The correct answer is **Option 5** i.e. **22**

Understanding

Rules:

1) In step 1 the smallest among all is increased by 1 and then it is multiplied by 1 and the result is placed at the extreme left.

2) In step 2 the smallest apart from the altered one is increased by 2 and then it is multiplied by 2 and the result is placed at the extreme left.

3) Similarly for step X the smallest apart from the altered one is increased by X and then it is multiplied by X and the result is placed at the extreme left.

4) Step is followed till all the numbers are not changed.

Following the above rules, we can deduce the output from the given input:

**Input: 9, 3, 16, 54, 15, 50**

**Step 1:** 4, 9, 16, 54, 15, 50

**Step 2:** 22, 4, 16, 54, 15, 50

**Step 3:** 54, 22, 4, 16, 54, 50

**Step 4:** 80, 54, 22, 4, 54, 50

**Step 5:** 275, 80, 54, 22, 4, 54

**Step 6:** 360, 275, 80, 54, 22, 4

**Conclusion:**

**Step 3:** 54, **22**, 4, 16, 54, 50

The second element from the left is 22.

Hence, the correct answer is **22.**

# Input Output Questions Tips and Tricks



1. Try to solve Input Output Questions without taking any help from the solutions.
2. Input Output 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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# Further Guidance on Input Output Questions

For Asking any query on Input Output Questions please mail Send Email or you can fill the form at KD Live.

## About KD Live

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