

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: Given below an input with the following steps, you have to observe the pattern followed in these steps and then apply the same in the question input. Then, answer the following questions based on the obtained steps. Input: 67 28 35 97 96 44 29 58 87 76 39 64 StepI: 30 67 35 96 44 29 58 87 76 39 64 95 StepII: 31 30 67 35 44 58 87 76 39 64 95 94 StepIII: 37 31 30 67 44 58 76 39 64 95 94 85 StepIV: 41 37 31 30 67 44 58 64 95 94 85 74 StepV: 46 41 37 31 30 58 64 95 94 85 74 65 StepVI: 60 46 41 37 31 30 95 94 85 74 65 62 Step VI is the last step of the rearrangement of the above input. Input: 44 99 37 68 92 25 56 79 96 90

Question On Input Output

If the odd numbers are increased by 13 and the even numbers are decreased by 15 in the third step then what will be the Sum of the lowest and the fourth-lowest numbers of the newly formed series?

Difficulty : Moderate

Average Time : 54 Seconds

Input Output Questions Options

1. 102
2. 138
3. 63
4. 80
5. None of these

Input Output Questions Solution

The correct answer is **Option 4** i.e. **80**

Logic:

Two is added to the smallest number and is written in the next step to the extreme left and two is subtracted from the largest number and is written to the extreme right in the same step. For each of the given numbers, the same operation is done.

Input: 67 28 35 97 96 44 29 58 87 76 39 64

Step I: **30** 67 35 96 44 29 58 87 76 39 64 **95**

Step II: **31 30** 67 35 44 58 87 76 39 64 **95 94**

Step III: **37 31 30** 67 44 58 76 39 64 **95 94 85**

Step IV: **41 37 31 30** 67 44 58 64 **95 94 85 74**

Step V: **46 41 37 31 30** 58 64 **95 94 85 74 65**

Step VI: **60 46 41 37 31 30 95 94 85 74 65 62**

Step VI is the last step of this input.

Input: 44 99 37 68 92 25 56 79 96 90

Step I: 27 44 37 68 92 56 79 96 90 97

Step II: 39 27 44 68 92 56 79 90 97 94

Step III: 46 39 27 68 56 79 90 97 94 90

Step IV: 58 46 39 27 68 79 90 97 94 88

Step V: 70 58 46 39 27 90 97 94 88 77

Odd numbers are decreased by 13 and even numbers are increased by 15 in step III.

Step III: 46 39 27 68 56 79 90 97 94 90

New series: 61 26 14 83 71 66 105 84 109 105

lowest number: 14

Fourth lowest number: 66

Sum = $14 + 66 = 80$

Hence, the correct answer is **80**.

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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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.