

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

A number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement. Input: 564 769 642 899 321 754 Step I: 564 769 642 321 754 899 Step II: 564 642 321 754 998 769 Step III: 564 642 321 998 967 754 Step IV: 564 321 998 967 457 642 Step V: 321 998 967 457 246 564 Step VI: 998 967 457 246 465 321 Step VII: 998 967 457 246 465 123 Step VII is the last step of the input. Input: 976 453 221 864 458 375

Question On Input Output

What is the sum of the first number from the left end of step I and the last number from the left of the last step?

Difficulty : Moderate

Average Time : 51 Seconds

Input Output Questions Options

1. 1009
2. 1132
3. 1160
4. 987
5. None of these

Input Output Questions Solution

The correct answer is **option 2** i.e 1132.

Understanding

The logic is

With every step, the largest number moves to the extreme right position and on the next step, the digits of the largest number get reversed.

Applications

Input: 976 453 221 864 458 375

Step I: 453 221 864 458 375 976

Step II: 453 221 458 375 679 864

Step III: 453 221 375 679 468 458

Step IV: 221 375 679 468 854 453

Step V: 221 679 468 854 354 375

Step VI: 679 468 854 354 573 221

Step VII: 679 468 854 354 573 122

The sum of the first number from the left end of step I and the last number from the left of the last step are (453 + 679) = 1132.

Hence the correct answer is **1132**.

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.