

Input Output Questions Overview

Input Output Questions have a good weightage in the Ssc Mts Exam and the type of question asked in Ssc Mts 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: A number arrangement machine when given an input line of numbers rearranges them following a certain rule at each step. The following is an illustration of input and rearrangement. Input: 2 4 8 19 23 3 6 29 Step I: 4 8 19 23 3 6 31 Step II: 4 8 19 6 31 26 Step III: 8 6 31 26 23 Step IV: 31 26 23 14 Following the same pattern, solve the given input. Input: 2 4 6 5 3 19 21 13 15 12

Question On Input Output

What is the sum of the third number from the right end of step IV and the second number from the left end of step II?

Difficulty : Moderate

Average Time : 49 Seconds

Input Output Questions Options

1. 28
2. 6
3. 30
4. 22
5. 23

Input Output Questions Solution

The correct answer is **Option 1** i.e. **28**

Logic: The smallest number and the largest number are added at each step and their sum is placed at the extreme right end of that step.

Input: 2 4 6 5 3 19 21 13 15 12

Step I: 4 6 5 3 19 13 15 12 23

Step II: 4 6 5 13 15 12 23 22

Step III: 6 5 13 12 23 22 19

Step IV: 6 12 23 22 19 18

Step V: 23 22 19 18 18

The third number from the right end of the 4th step = 22

Second number from the left end of the 2nd step = 6

$22 + 6 = 28$

Hence, the correct answer is **28**.

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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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.