

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

Directions: Study the following information carefully and answer the given questions. In word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement: Input: River 26 Round 13 Rift 43 Roast 76 Rumour 100 Step I: River 26 Round 43 Roast 76 Rumour 100 Rift 10 Step II: Round 43 Roast 76 Rumour 100 Rift 10 River 28 Step III: Round 76 Rumour 100 Rift 10 River 28 Roast 40 Step IV: Rumour 100 Rift 10 River 28 Roast 40 Round 78 Step V: Rift 10 River 28 Roast 40 Round 78 Rumour 102 (Step V is the last step of this input.) Based on the above rearrangement answer the following questions. Input: Fire 72 Friend 24 Fellow 35 Fantasy 43 Figure 67

Question On Input Output

Which word/number would be at the fourth position from the right end in the last step of the machine output?

Difficulty : Moderate

Average Time : 64 Seconds

Input Output Questions Options

1. Fire
2. 64
3. 40
4. Friend
5. Figure

Input Output Questions Solution

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

Rule:

1) Change in the position of words take place as per the dictionary order and the words are placed at the extreme right end just before the number.

2) (i) Change in numbers take place as per the ascending order.

(ii) If the number is even, then 2 is added to the number. If the number is odd then 3 is subtracted from the number.

(iii) After addition/subtraction, the numbers are shifted to the right end.

3) The changes in the words and numbers take place simultaneously at each step.

Following the above rules, we can derive the step by step output:

Input: Fire 72 Friend 24 Fellow 35 Fantasy 43 Figure 67

Step I: Fire 72 Friend Fellow 35 43 Figure 67 Fantasy 26

Step II: Fire 72 Friend 43 Figure 67 Fantasy 26 Fellow 32

Step III: Fire 72 Friend 67 Fantasy 26 Fellow 32 Figure 40

Step IV: 72 Friend Fantasy 26 Fellow 32 Figure 40 Fire 64

Step V: Fantasy 26 Fellow 32 Figure 40 Fire 64 Friend 74

The fourth word from the right end in the last step is 'Fire'.

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

Input Output Questions Tips and Tricks



1. Try to solve Input Output Questions without taking any help from the solutions.

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.



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