

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 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: 781 vsskt 651 ltsk 486 deef 351 jklm 581 tuvw Step 1: 351 781 vsskt 651 ltsk 486 jklm 581 tuvw deef Step 2: 651 351 781 vsskt ltsk 486 581 tuvw deef jklm Step 3: 581 651 351 781 vsskt 486 tuvw deef jklm ltsk Step 4: 781 581 651 351 vsskt 486 deef jklm ltsk tuvw Step 5: 486 781 581 651 351 deef jklm ltsk tuvw vsskt Step 5 is the final step. As per the pattern followed in the above steps, find the output for the given input: Input: 555 cat 651 dog 481 gold 231 modi 631 ruchi

Question On Input Output

Which element is third from the right end of the 4th step?

Difficulty : Moderate

Average Time : 58 Seconds

Input Output Questions Options

1. cat
2. dog
3. gold
4. modi
5. ruchi

Input Output Questions Solution

The correct answer is **Option 2** i.e **dog**

Understanding

Both words & numbers are rearranged simultaneously.

Number logic: the sum of digits of the number is taken. The number whose sum of digits is lowest is taken and placed first.

In the first step, the words are arranged in ascending order according to the first letter of the word, and so on.

Applications

Input: 555 cat 651 dog 481 gold 231 modi 631 ruchi

Step 1: 231 555 651 dog 481 gold modi 631 ruchi cat

Step 2: 631 231 555 651 481 gold modi ruchi cat dog

Step 3: 651 631 231 555 481 modi ruchi cat dog gold

Step 4: 481 651 631 231 555 ruchi cat dog gold modi

Step 5: 555 481 651 631 231 cat dog gold modi ruchi

Step 5 is the final step.

Clearly, dog is the third element from the right end in step 4.

Hence the correct answer is **dog**.

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.