Input Output Questions Overview

Input Output Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Input Output Questions.

Input Output Questions

Direction: A word/number arrangement machine when given an input line of word/number rearranges them following a particular rule. The following is an illustration of Input and rearrangement. Input: Sound 15 Device 26 Replayed 44 Flaming 9 Tulip 38 Step I: 11 sound 15 device 26 replayed 22 tulip 38 flaming Step II: 11 17 device 26 replayed 22 tulip 38 flaming sound Step III: 11 17 20 device 26 replayed 38 flaming sound tulip Step IV: 11 17 20 24 replayed 38 flaming sound tulip device Step V: 11 17 20 24 36 flaming sound tulip device replayed Step VI: 11 17 20 24 36 &@flmng *#snd #&tlp &%%dvc %@%rplyd Step VI is the last step of input, Answer the following questions based on the following input: Input: Extra 81 Arrangement 22 Provide 49 Advantage 36 Education 17

Question

What is the sum of the number which is 5th from the left in the last step and third from the left in step IV?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. 120
2. 115
3. 81
4. 117
5. None of these

Solution

The correct answer is **Option 4** i.e. **117**

Logic: In each step one word and one number are arranged.

For Words: All words are arranged in descending order on the bases of the number of vowels present in the word on the

right end. If two words contain the same number of vowels then they are arranged in alphabetical order from left to right. When all words are arranged each vowel is coded with a specific code and placed this code in starting of that word. All the words are written in small letters from Step 1.

Code:

A- @

E- %

I- &

O- *

U- #

For numbers: Numbers are arranged in ascending order on the left end but if a number is odd then add 2 to that number and if a number is even subtracted 2 from that number.

Input: Extra 81 Arrangement 22 Provide 49 Advantage 36 Education 17

Step I: 19 81 arrangement 22 provide 49 advantage 36 education extra

Step II: 19 20 81 arrangement 49 advantage 36 education extra provide

Step III: 19 20 34 81 arrangement 49 education extra provide advantage

Step IV: 19 20 34 51 81 education extra provide advantage arrangement

Step V: 19 20 34 51 83 extra provide advantage arrangement education

Step VI: 19 20 34 51 83 %@xtr *&%prvd @@%@dvntg @%@%rrngmnt @%&*#dctn

From the above arrangement, the number which is 5th from the left in the last step is 83 and third from the left in step IV is 34.

Sum =83+34=117

Hence the correct answer is **117.**