



Bipin Nambiar
(SBI PO 2018)



Shiraz Khan
(SBI Clerk 2018)



Kuldeep Yadav
(SBI PO 2018)



Rajat Saxena
(IBPS Clerk 2018)



Anupam Tyagi
(IBPS PO 2018)

FRIENDS!
WE USED **TESTZONE**
AND CRACKED BANK EXAMS

बैंक परीक्षाओं के लिए निश्चित
रूप से सर्वश्रेष्ठ मॉक
टेस्ट सीरीज

IT'S YOUR TURN NOW
TAKE A **FREE** MOCK TEST



Smartkeeda
The Question Bank

Sequential Output Tracing Questions for IBPS Clerk Pre, SBI Clerk Pre, IBPS RRB Asst. Pre and LIC Asst. Pre Exams.

Set 45

Directions: 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: 23 47 52 69 71

Step I: 16 38 20 64 17

Step II: 16 38 64 20 17

Step III: 21 33 30 06 24

Step IV: 06 21 24 30 33

Step V: 11 27 31 38 42

Find the different steps of output using the above mentioned logic for the following input.

Input: 56 29 34 72 41

Questions :

1. Which of the following numbers comes in the middle in Step II?

- A. 56 B. 40 C. 48 D. 74 E. None of these

2. Which of the following numbers is not present in Step IV?

- A. 15 B. 12 C. 30 D. 16 E. All are present

3. On which step we get the output: '30 12 12 18 15' ?

- A. Step I B. Step II C. Step III D. Can't be determined
E. None of these

4. What is the position of 24 in Step II?

- A. 3rd from the left end B. Exactly in the middle of all the numbers C. 3rd from the right end
D. 2nd to the right of 28 E. None of these

5. If the number '40' in Step II is replaced by 47, what will it become in Step III applying the same rule as given in illustration?

- A. 33 B. 30 C. 54 D. 39 E. None of these

Correct Answers:

1	2	3	4	5
B	D	C	E	A



Smartkeeda
The Question Bank

www.smartkeeda.com | testzone.smartkeeda.com

SBI | RBI | IBPS | RRB | SSC | NIACL | EPFO | UGC NET | LIC | Railways | CLAT | RJS



[Join us](#)

Common Explanations:

Input: 23 47 52 69 71
Step I: 16 38 20 64 17
Step II: 16 38 64 20 17
Step III: 21 33 30 06 24
Step IV: 06 21 24 30 33
Step V: 11 27 31 38 42

Step I. Multiply the digits of each two digit number given in Input within itself and add 10 to each resultant.

Step II. Place the biggest number acquired in Step I in the middle.

Step III. Add the digits of each two digit number acquired in Step II within itself and multiply the resultant by 3.

Step IV. Place the numbers in ascending order.

Step V. Add consecutive natural number (starting from 5, 6) to each number acquired in Step IV.

Based on the same rule, we get the following steps for the given Input:

Input: 56 29 34 72 41
Step I: 40 28 22 24 14
Step II: 28 22 40 24 14
Step III: 30 12 12 18 15
Step IV: 12 12 15 18 30
Step V: 17 18 22 26 39

Answers :

1. Based on the following illustration, we get that the number that comes in the middle of Step II: 40
Option B is hence the correct answer.
2. Following the illustration below we can say that '16' is not present in Step IV for the given input.
Option D is hence the correct answer.
3. Following the common explanation, we have
Clearly, the output: 30 12 12 18 15 is acquired at Step III.
Option C is hence the correct answer.
4. Following the common explanation, we have
Evidently, all the given options are false with respect to the position of 24 in Step II.
Hence, option E is correct.
5. Following the common explanation, we have
In Step II, the digits of each number are being added to themselves within the number and then 10 is being added to the resultant.
Thus, 47 will become $= (4 + 7) \times 3 = 33$
Hence, option A is correct.



SmartKeeda

The Question Bank

Presents

TestZone

India's least priced Test Series platform



ALL BANK EXAMS

2020-2021 Test Series

@ Just

₹ 599/-

300+ Full Length Tests

- ☒ Brilliant Test Analysis
- ☒ Excellent Content
- ☒ Unmatched Explanations

JOIN NOW