

## Sequential Output Tracing Questions for Canara Bank PO, IBPS PO Pre, IBPS Clerk, LIC AAO, SBI PO Pre, SBI Clerk and Syndicate Bank PO Exams

## Sequential Output Tracing Quiz 34

Directions: Study the following information carefully and answer the questions given beside.

Input: 781 vsskt 651 ltsk 486 deef 351 jklm 581 tuvw
Step 1: 351781 vsskt 651 Itsk 486 jklm 581 tuvw deef
Step 2: 651351781 vsskt ltsk 486581 tuvw deef jklm
Step 3: 581651351781 vsskt 486 tuvw deef jklm Itsk
Step 4: 781581651351 vsskt 486 deef jklm ltsk tuvw
Step 5: 486781581651351 deef jklm Itsk tuvw vsskt
Step 5 is the final step
As per the pattern followed in the above steps, find out for given input:
Input: 555 cat 651 dog $\mathbf{4 8 1}$ gold 231 modi 631 ruchi

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1. In which step we will get the following output?

651631555231481 modi ruchi cat dog gold.
A. Step 5
B. Step 4
C. Step 3
D. There is no such step
$E$. None of these
2. If in step 4 ' 651 ' is related to ' 231 ' \& ' 555 ' is related to 'cat', then following the same pattern '631' is related to $\qquad$ .
A. ruche
B. 231
C. 555
D. cat
E. gold
3. Which of the following statements is correct regarding position of 'ruchi' in the 4th step?
A. Third to left 651
B. Second to right of gold
C. Second to right of 631
D. Second to right of 231
E. Second to left of gold
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4. In step 5 which of following word or number is 3 rd to the right of the word/number which is 2 nd to the right of '651'?
A. modi
B. gold
C. cat
D. 555
E. 231

## Correct answer:

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
| D | C | D | B |

## Explanation:

## 1. References:

555 cat 651 dog 481 gold 231 modi 631 ruchi

## Inferences:

Both word \& number are rearranged simultaneously.
Number logic: the sum of digits of number is taken. Number whose sum of digits is lowest is taken and placed at first.

The words are arranged in descending order from right to left from the right end. In the first step, the words are arranged as ascending order according to the first letter of the word and so on.

Input: 555 cat 651 dog 481 gold 231 modi 631 ruchi
Step 1: 231555651 dog 481 gold modi 631 ruchi cat
Step 2: 631231555651481 gold modi ruchi cat dog
Step 3: 651631231555481 modi ruchi cat dog gold
Step 4: 481651631231555 ruchi cat dog gold modi
Step 5: 555481651631231 cat dog gold modi ruchi
Step 5 is the final step
There is no such step.
Hence, option D is correct.

## 2. References:

555 cat 651 dog 481 gold 231 modi 631 ruchi

## Inferences:

Both word \& number are rearranged simultaneously.
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Step 1: 231555651 dog 481 gold modi 631 ruchi cat
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Step 3: 651631231555481 modi ruchi cat dog gold
Step 4: 481651631231555 ruchi cat dog gold modi
Step 5: 555481651631231 cat dog gold modi ruchi
Step 5 is the final step.
Step 4: 481651631231555 ruchi cat dog gold modi
Hence, option C is correct.

## 3. References:

555 cat 651 dog 481 gold 231 modi 631 ruchi

## Inferences:

Both word \& number are rearranged simultaneously.
Number logic: the sum of digits of number is taken. Number whose sum of digits is lowest is taken and placed at first.

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Step 1: 231555651 dog 481 gold modi 631 ruchi cat
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Step 3: 651631231555481 modi ruchi cat dog gold
Step 4: 481651631231555 ruchi cat dog gold modi
Step 5: 555481651631231 cat dog gold modi ruchi
Step 5 is the final step.
Step 4: 481651631231555 ruchi cat dog gold modi
Hence, option D is correct.

## 4. References:

555 cat 651 dog 481 gold 231 modi 631 ruchi

## Inferences:

Both word \& number are rearranged simultaneously.
Number logic: the sum of digits of number is taken. Number whose sum of digits is lowest is taken and placed at first.

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Step 1: 231555651 dog 481 gold modi 631 ruchi cat
Step 2: 631231555651481 gold modi ruchi cat dog
Step 3: 651631231555481 modi ruchi cat dog gold

Step 4: 481651631231555 ruchi cat dog gold modi
Step 5: 555481651631231 cat dog gold modi ruchi
Step 5 is the final step.
Step 5: 555481651631231 cat dog gold modi ruchi
Hence, option B is correct.


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