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Sequential Output Tracing Questions for IBPS PO Pre, SBI PO Pre, SBI Clerk Mains, IBPS Clerk Mains, LIC AAO Pre and IBPS RRB Scale I Pre Exams.

Set 53

Directions: A word and number machine when arranges an input line of words and numbers it follows a pattern at each step to reach the final output. Below mentioned is an illustration of the same.

Input: speak 46 sweetly 12 with 84 immense 38 pleasure 52 fraternity 70

Step I: 12 speak 46 sweetly with 84 immense 38 pleasure 52 fraternity 70

Step II: 38 with 12 speak 46 sweetly 84 immense pleasure 52 fraternity 70

Step III: 46 immense 38 with 12 speak sweetly 84 pleasure 52 fraternity 70

Step IV: 52 pleasure 46 immense 38 with 12 speak sweetly 84 fraternity 70

Step V: 70 sweetly 52 pleasure 46 immense 38 with 12 speak 84 fraternity

Step VI: 84 fraternity 70 sweetly 52 pleasure 46 immense 38 with 12 speak

Step VI is the final Output.

On the basis of given illustration find the various steps and final output for the input given below.

Input: around 35 world 57 meet 91 several 39 problematic 43 instances 19

Questions :

1. Which of the following is third to the right of fifth element from left end in step IV?

- A. problematic B. 35 C. meet D. 57 E. None of these

2. Which of the following comes exactly between 'around' and 'world' in the final output?

- A. 39 B. several C. 19 D. 35 E. All of these

3. What is the position of 'meet' with respect to 'world' in step III?

- A. Third to the left B. Fifth to the right C. Sixth to the left D. Immediate left E. None of these

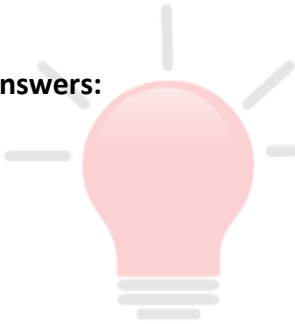
4. With respect to the final output, four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the group?

- A. problematic - 19 B. 43 - several C. 57 - around D. meet - 91 E. 57 - several

5. Which of the following steps is – " 35 around 19 meet world 57 91 several 39 problematic 43 instances"?

- A. Step I B. Step II C. Step IV D. Step III E. There is no such step.

Correct Answers:



1	2	3	4	5
C	B	D	E	B

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Common explanation:

Change in words: Words are arranged on the basis of ascending order of the number of consonants in a word i.e. The word with lowest number of consonants is placed at left end at first. Only one word is rearranged at each step.

Change in numbers: The numbers are rearranged at the extreme left end as per ascending order. Only one number is rearranged at each step.

Note- Changes in word and number take place simultaneously at each step.

Reference:

Input: speak 46 sweetly 12 with 84 immense 38 pleasure 52 fraternity 70

Step I: 12 speak 46 sweetly with 84 immense 38 pleasure 52 fraternity 70

Inference:

Input: around 35 world 57 meet 91 several 39 problematic 43 instances 19

Step I: 19 meet around 35 world 57 91 several 39 problematic 43 instances

Reference:

Step I: 12 speak 46 sweetly with 84 immense 38 pleasure 52 fraternity 70

Step II: 38 with 12 speak 46 sweetly 84 immense pleasure 52 fraternity 70

Inference:

Step I: 19 meet around 35 world 57 91 several 39 problematic 43 instances

Step II: 35 around 19 meet world 57 91 several 39 problematic 43 instances

Reference:

Step II: 38 with 12 speak 46 sweetly 84 immense pleasure 52 fraternity 70

Step III: 46 immense 38 with 12 speak sweetly 84 pleasure 52 fraternity 70

Inference:

Step II: 35 around 19 meet world 57 91 several 39 problematic 43 instances

Step III: 39 several 35 around 19 meet world 57 91 problematic 43 instances

Reference:

Step III: 46 immense 38 with 12 speak sweetly 84 pleasure 52 fraternity 70

Step IV: 52 pleasure 46 immense 38 with 12 speak sweetly 84 fraternity 70

Inference:

Step III: 39 several 35 around 19 meet world 57 91 problematic 43 instances

Step IV: 43 world 39 several 35 around 19 meet 57 91 problematic instances

Reference:

Step IV: 52 pleasure 46 immense 38 with 12 speak sweetly 84 fraternity 70

Step V: 70 sweetly 52 pleasure 46 immense 38 with 12 speak 84 fraternity

Inference:

Step IV: 43 world 39 several 35 around 19 meet 57 91 problematic instances

Step V: 57 instances 43 world 39 several 35 around 19 meet 91 problematic

Reference:

Step V: 70 sweetly 52 pleasure 46 immense 38 with 12 speak 84 fraternity

Step VI: 84 fraternity 70 sweetly 52 pleasure 46 immense 38 with 12 speak

Inference:

Step V: 57 instances 43 world 39 several 35 around 19 meet 91 problematic

Step VI: 91 problematic 57 instances 43 world 39 several 35 around 19 meet

Final Output:

Input: around 35 world 57 meet 91 several 39 problematic 43 instances 19

Step I: 19 meet around 35 world 57 91 several 39 problematic 43 instances

Step II: 35 around 19 meet world 57 91 several 39 problematic 43 instances

Step III: 39 several 35 around 19 meet world 57 91 problematic 43 instances

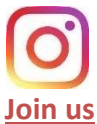
Step IV: 43 world 39 several 35 around 19 meet 57 91 problematic instances

Step V: 57 instances 43 world 39 several 35 around 19 meet 91 problematic

Step VI: 91 problematic 57 instances 43 world 39 several 35 around 19 meet



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Answers :

1. From the common explanation, we get

The fifth element from left end in step IV is '35' and third to the right of 35 is 'meet'.

Hence, Option C is correct.

2. From the common explanation, we get

'several' comes exactly between 'around' and 'world' in the final output.

Hence option B is correct.

3. From the common explanation, we get

'meet' is on the immediate left of 'world' in step III.

Hence, Option D is correct.

4. From the common explanation, we get

57 - several is the odd one out as in rest pairs both elements have same position from left and right end.

Hence, Option E is correct.

5. From the common explanation, we get

"35 around 19 meet world 57 91 several 39 problematic 43 instances" is the step II.

Hence, Option B is correct.



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