



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)

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

Set 4

Directions: Read the given information carefully and answer the questions given beside:

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 : goal 63 57 home five task 82 17
Step I : 82 goal 63 57 home five task 17
Step II : 82 five goal 63 57 home task 17
Step III : 82 five 63 goal 57 home task 17
Step IV : 82 five 63 goal 57 home 17 task

Step IV is the last output.

As per the rules followed in the above steps, find out each of the following questions the appropriate step for the given input.

Questions :

1. **Input** : host 15 32 page 43 over mother 92

Which of the following step will be the last but one?

- A. IV B. V C. VI D. VII E. None of these

2. **Step II of an input is** : 67 cat 12 25 dog fight man 42

Which of the following will be step V?

- A. 67 cat 42 dog 25 fight 12 man B. 67 cat 42 dog 25 12 fight man
C. 67 cat 42 dog 12 25 fight man D. 67 cat 42 12 25 dog fight man
E. None of these

3. **Which of the following will be step V for the above input?**

Input : world 23 new 47 major 13 62 desk

- A. 62 desk 47 major world 23 new 13 B. 62 desk 47 world 23 new major 13
C. 62 desk 47 major 23 world new 13 D. 62 desk 47 major 23 new world 13
E. None of these

4. How many more steps are required to complete the rearrangement?

Step III of an input is : 81 boat 73 wheel spike dancer 32 59

- A. Two B. Three C. Four D. Five E. None of these

5. Which of the following step is the 6th step of the input if the 3rd step is:

Step III of an input is : 81 boat 73 wheel spike dancer 32 59

- A. 81 boat 73 dancer wheel spike 32 59 B. 81 boat 73 dancer 59 spike wheel 32
C. 81 boat 73 dancer 59 spike 32 wheel D. 81 boat 73 dancer 59 wheel spike 32
E. None of these

Correct Answers:

1	2	3	4	5
A	B	C	C	B

Answers :

1. The numbers are arranged in descending order while the words are arranged in alphabetical order alternately. The position of only one term is altered at each step.

Input : host 15 32 page 43 over mother 92
Step I : 92 host 15 32 page 43 over mother
Step II : 92 host 43 15 32 page over mother
Step III : 92 host 43 mother 15 32 page over
Step IV : 92 host 43 mother 32 15 page over
Step V : 92 host 43 mother 32 over 15 page

Clearly, step V is the last step and step IV is the last but one.

Hence, Option A is correct.

2. The numbers are arranged in descending order while the words are arranged in alphabetical order alternately. The position of only one term is altered at each step.

Step II : 67 cat 12 25 dog fight man 42
Step III : 67 cat 42 12 25 dog fight man
Step VI : 67 cat 42 dog 12 25 fight man
Step V : 67 cat 42 dog 25 12 fight man

Hence, Option B is correct.

3. The numbers are arranged in descending order while the words are arranged in alphabetical order alternately. The position of only one term is altered at each step.

Input : world 23 new 47 major 13 62 desk
Step I : 62 world 23 new 47 major 13 desk
Step II : 62 desk world 23 new 47 major 13
Step III : 62 desk 47 world 23 new major 13
Step VI : 62 desk 47 major world 23 new 13
Step V : 62 desk 47 major 23 world new 13

Hence, Option C is correct.

4. The numbers are arranged in descending order while the words are arranged in alphabetical order alternately. The position of only one term is altered at each step.

Step III : 81 boat 73 wheel spike dancer 32 59

Step VI : 81 boat 73 dancer wheel spike 32 59

Step V : 81 boat 73 dancer 59 wheel spike 32

Step VI : 81 boat 73 dancer 59 spike wheel 32

Step VII : 81 boat 73 dancer 59 spike 32 wheel

Clearly, Step VII is the last step, thus, four more steps are required to complete the rearrangement.

Hence, Option C is correct.

5. The numbers are arranged in descending order while the words are arranged in alphabetical order alternately. The position of only one term is altered at each step.

Step III : 81 boat 73 wheel spike dancer 32 59

Step VI : 81 boat 73 dancer wheel spike 32 59

Step V : 81 boat 73 dancer 59 wheel spike 32

Step VI : 81 boat 73 dancer 59 spike wheel 32

Step VII : 81 boat 73 dancer 59 spike 32 wheel

Hence, Option B is correct.



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