

Input: P @ 8 T 3 * G 5 ^ € 4 I 7 \$ H U # 9

Step 1: O @ 8 S 3 * F 5 ^ € 4 I 7 \$ G U # 9

Step 2: O @ 7 S 4 * F 6 ^ € 3 I 8 \$ G U # 10

Step 3: @ * ^ € \$ # O 7 S 4 F 6 3 I 8 G U 10

Step 4: @ * ^ € \$ # P 7 S 4 F 6 3 J 8 G V 10

Step 5: @ * ^ € \$ # 3 P 4 S 6 F 7 J 8 G 10 V

Step 6: 3 P 4 @ * S 6 F ^ € 7 J 8 \$ # G 10 V

Input: M 7 # 9 F 6 E £ 5 J ¥ & 3 A \$ 8 N %

1) How many letters are there in the English alphabetical series between the elements which are seventh from the left end in step 2 and fifth from the right end in step 4?

A.2

B.3

C.4

D.1

E.None

Answer: C

2) Which of the following element is exactly between the elements which are fourth from the left end and fifth from the right end in step 4?

A.10

B.L

C.8

D.F

E.5

Answer: A

3) Which of the following element is fifth to the left of the seventh from the right end in step 3?

A. Number

B. Consonant

C. Symbol

D. Vowel

E. No such element

Answer: C

4) Which of the following element is repeated in the final step?

A. L

B. F

C. 5

D. 6

E. E

Answer: B

Input: M 7 # 9 F 6 E £ 5 J ¥ & 3 A \$ 8 N %

Step 1: L 7 # 9 E 6 E £ 5 I ¥ & 3 A \$ 8 M %

Step 2: L 8 # 10 E 5 E £ 6 I ¥ & 4 A \$ 7 M %

Step 3: # £ ¥ & \$ % L 8 10 E 5 E 6 I 4 A 7 M

Step 4: # £ ¥ & \$ % L 8 10 F 5 F 6 J 4 B 7 M

Step 5: # £ ¥ & \$ % 4 L 5 F 6 F 7 J 8 B 10 M

Step 6: 4 L 5 # £ F 6 F ¥ & 7 J 8 \$ % B 10 M

Logics:

Step 1: Consonants are replaced by their immediate previous letter according to the English alphabetical series.

Step 2: All the even numbers are subtracted by one and odd numbers added by one.

Step 3: All the symbols are placed at the left end of the series in the same order

Step 4: Vowels are replaced with the immediate next letter according to the English alphabetical series.

Step 5: Arrange all the numbers in ascending order and place the number and letter alternately starting with the number after the symbols.

Step 6: Place two symbols after every three elements in the same order.

Input: Ox 26 Ball 53 Four 92 Man 17 Angle 34

Step 1: Angle 92 Ox 26 Ball 53 Four Man 17 34

Step 2: Angle 92 Ox 34 26 Ball 53 Four Man 17

Step 3: Angle 92 Ox 34 Man 26 Ball 53 Four 17

Step 4: Angle 92 Ox 34 Man 26 Four 53 Ball 17

Input: Ford 2 Tomato 68 Ultimate 78 Egg 73 Root 93

5) Which of the following step is penultimate step?

A. Step 4

B. Step 2

C. Step 5

D. Step 3

E. None of these

Answer: D

6) Which of the following element is exactly between 68 and 2, in step 2?

A. Root

B. Ford

C. Tomato

D. 93

E. 2

Answer: B

7) What is the position of 'Tomato' in Step 4?

- A. 4th from left end**
- B. 3rd from Right end**
- C. 2nd from left end**
- D. 5th from left end**
- E. None of these**

Answer: D

8) Which step number would be the following output?

'Egg 78 Tomato 93 Ultimate 68 Ford 2 73 Root'

- A. Step 3rd**
- B. Step 4th**
- C. Step 2nd**
- D. No such Step**
- E. None of these**

Answer: D

Explanation

- A word and number is arranged in each step. Firstly, the word which starts with vowels are arranged in alphabetical series then the word which starts with consonants are arranged in reverse alphabetical series.
- Firstly, the even Numbers are arranged in decreasing order at each step along with word. Then the odd numbers are arranged in decreasing order.

Input: Ford 2 Tomato 68 Ultimate 78 Egg 73 Root 93

Step 1: Egg 78 Ford 2 Tomato 68 Ultimate 73 Root 93

Step 2: Egg 78 Ultimate 68 Ford 2 Tomato 73 Root 93

Step 3: Egg 78 Ultimate 68 Tomato 2 Ford 73 Root 93

Step 4: Egg 78 Ultimate 68 Tomato 2 Root 93 Ford 73

Input: 42 dog man 15 pen 68 95 cat age 22

Step1: age 42 dog man pen 68 95 cat 22 15

Step2: age cat 42 dog man pen 68 95 15 22

Step3: age cat dog man pen 68 95 15 22 42

Step4: age cat dog man pen 95 15 22 42 68

Step5: age cat dog man pen 15 22 42 68 95

Input: jam 15 ink 43 22 shine 84 eyes 33 put

9) Which step is the last step of your arrangement?

A.eyes ink jam put shine 15 22 33 43 84

B.eyes ink jam put shine 15 33 25 43 84

C.eyes ink put jam shine 15 33 25 43 84

D.eyes jam ink put shine 15 33 25 43 84

E.None of these

Answer: A

10) How many steps required to complete the arrangement?

A.six

B.five

C.four

D.seven

E.none of these

Answer: B

11) How many words / numbers between “ink” and “33” in the fourth step?

A.one

B.two

C.three

D.six

E.None

Answer: D

12) Which among the following step will be the second step?

A.eyes jam ink 43 shine 84 33 put 15 22

B.eyes ink jam 43 shine 84 33 put 15 22

C.eyes ink jam 43 shine 33 84 put 15 22

D.eyes ink jam 43 shine 84 33 put 22 15

E.None of these.

Answer: B

Explanation

Input: jam 15 ink 43 22 shine 84 eyes 33 put

Step1: eyes jam ink 43 22 shine 84 33 put 15

Step2: eyes ink jam 43 shine 84 33 put 15 22

Step3: eyes ink jam 43 shine 84 put 15 22 33

Step4: eyes ink jam put shine 84 15 22 33 43

Step5: eyes ink jam put shine 15 22 33 43 84

Words are arranged in ascending order as per English alphabetical series from left end and also simultaneously numbers are arranged in ascending order from right end.

Input : 41 floor 61 chair 58 32 rich 13 prefect milk

Step 1: 61 41 floor chair 58 32 13 perfect milk rich

Step 2: 58 61 41 floor chair 32 13 milk rich perfect

Step 3: 41 58 61 floor chair 32 13 rich perfect milk

Step 4: 32 41 58 61 chair 13 rich perfect milk floor

Step 5: 13 32 41 58 61 rich perfect milk floor chair

Input: fast 94 input 48 north rules 21 40 temple 54

13) Which element is exactly between 94 and 40 in step 3?

A. input

B. 21

C. fast

D. north

E. rules

Answer: A

14) Which step would be the final output of the arrangement?

A. Step 5

B. Step 6

C. Step 2

D. Step 4

E. None of these

Answer: A

15) What is the sum of first element from left and fourth element from right of step 3?

A. 61

B. 98

C. 88

D. 148

E. None of these

Answer: C

16) Which of the following element is fifth to the left of temple in step 4?

A. 40

B. 48

C. fast

D. rules

E. None of these

Answer: B

Explanation

Here machine rearranges one word and one number in first step and so on.

Words are arranged in descending order with respect to alphabetical order from the left end after numbers.

Numbers are arranged in ascending order from the left end. One number and one word are arranged for each step. So the final arrangement is given below.

Input: fast 94 input 48 north rules 21 40 temple 54

Step 1: 94 fast input 48 north rules 21 40 54 temple

Step 2: 54 94 fastinput 48 north 21 40 temple rules

Step 3: 48 54 94 fast input 21 40 temple rules north

Step 4: 40 48 54 94 fast 21 temple rules north input

Step 5: 21 40 48 54 94 temple rules north input fast

Input: hard 27 nut 14 impossible 54 to 86 crack 62
Step1:54 hard 27 nut 14 impossible 86 crack 62 to
Step2:86 54 hard 27 14 impossible crack 62 to nut
Step3:14 86 54 hard 27 crack 62 to nut impossible
Step4:62 14 86 54 27 crack to nut impossible hard
Step5:27 62 14 86 54 to nut impossible hard crack

Input: deeds 39 for 96 humanity 75 give 27 pleasure 62

17. Which of the following elements is third to the left of fifth element from right end in step 3?

A. Crack

B. 75

C. Deeds

D. 39

E. None of these

Answer: B

18. 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. For – 27

B. Pleasure – 75

C. 96 – deeds

D. 39 – pleasure

E. Pleasure – 27

Answer : C

19. In which of the following steps, 96 is seen exactly between 62 and 75 for the first time?

- A. Step 1**
- B. Step 2**
- C. Step 3**
- D. Step 4**
- E. Step 5**

Answer: A

20. Which of the following is second to the right of '39' in step 4?

- A. 75**
- B. Humanity**
- C. 96**
- D. Pleasure**
- E. None of these**

Answer : B

Explanation:

Change in Number: Change in numbers take place as per the ascending order of the difference of the digits of each number. The number whose difference of digits is the smallest is taken first for rearrangement and shifted at extreme left end.

Change in Word: Change in words take place as per the reverse alphabetical order. The word whose first letter comes last as per the English alphabetical series is taken first for rearrangement and shifted at the extreme right end.

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

Input: deeds 39 for 96 humanity 75 give 27 pleasure 62

Step1:75 deeds 39 for 96 humanity give 27 62 pleasure

Step2:96 75 deeds 39 for give 27 62 pleasure humanity

Step3:62 96 75 deeds 39 for 27 pleasure humanity give

Step4:27 62 96 75 deeds 39 pleasure humanity give for

Step5:39 27 62 96 75 pleasure humanity give for deeds