TYPES:

1) Number Based

2) Word Based

3) Mix (Number + Word)

4) Box Based

5) Phrasel Input-Output

6)
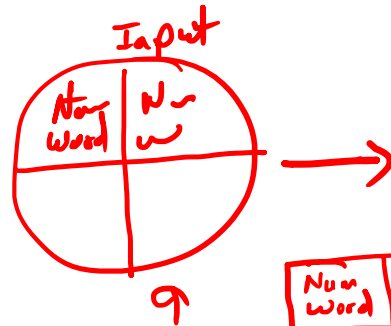
Input → 12 81 74 65 13

" → train trap set top

Input → Goal 21 Tone 18 Word 40

" →

PATTERNS:

Ordering   Bodn's

2 (3 1)   631
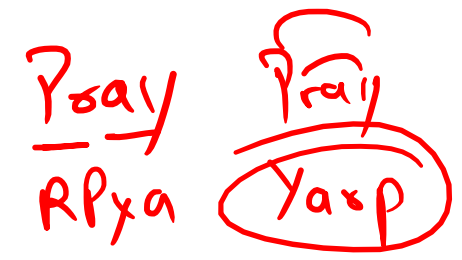
5231   231   11 2   565
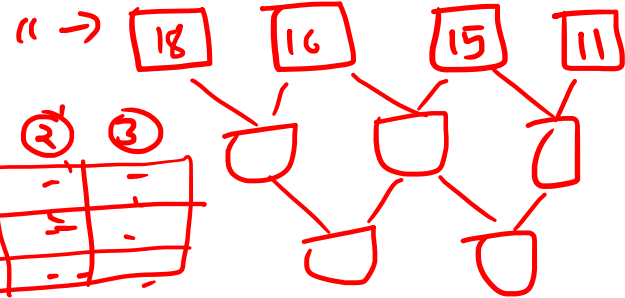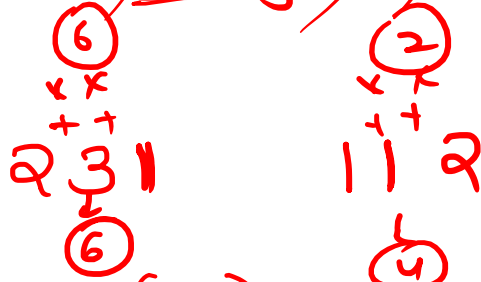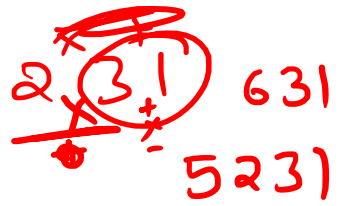
112 (+1) = 113   16

[even+1
  odd -1

→ 112 (+1) = 113

→ 231 (-1) 230

→ 565 (-1) 564

Operations

Top
Dot

Pray   Pray
RPya   Yarp
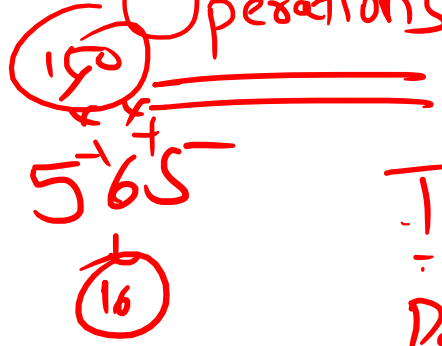
Cons ⇒
Vowel ⇒

Vowel → Synb
Cons ± 1

Direction (1-4): Study the following information carefully and answer the questions given below it.

A word and number arrangement machine when given an input line of words and numbers rearranges them in a following a particular rule in each step by step. The following is the illustration of input and rearrangement.

Input : 45 97 19 cards manner 23 tabs 88 shops won

Step 1: cards 19 45 97 manner 23 tabs 88 shops won

Step 2: cards 19 manner 23 45 97 tabs 88 shops won

Step 3: cards 19 manner 23 shops 45 97 tabs 88 won

Step 4: cards 19 manner 23 shops 45 tabs 88 97 won

Step 5: cards 19 manner 23 shops 45 tabs 88 won 97
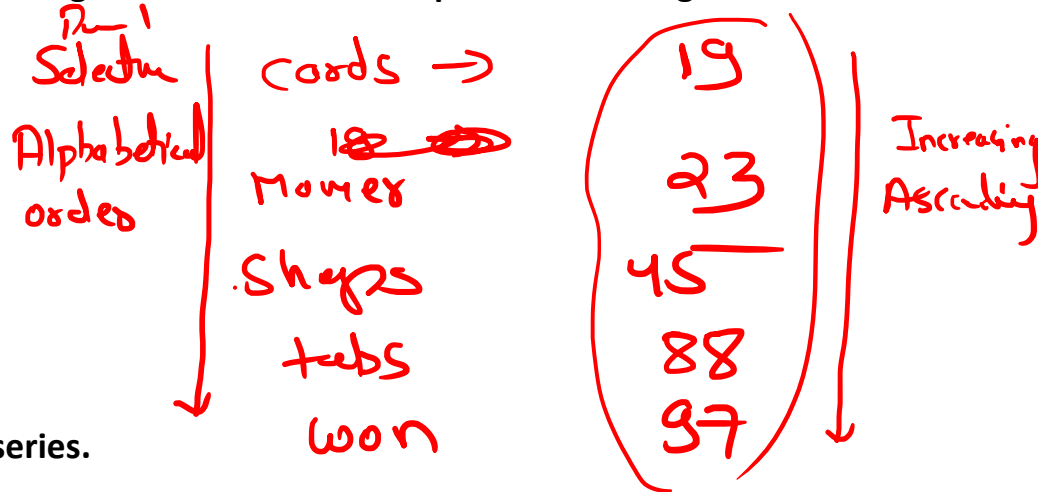
Here the step 5 is the final rearrangement of the input series.

As per the rules followed in the given steps find appropriate steps for given input below:

Input: 72 goat 93 hot apple 19 81 41 truth yours

1. What is the sum of first number from left and first number from right of step 3?

A.100

B.112

C.114

D.113

E. None of these

2. Which of the following element is third to the right of 41 in step 3?

A. 93

B. yours

C. 72

D. truth

E. None of these

3. Which element is exactly between 81 and 19 in step 4?

A. goat

B. 41

C. hot

D. 72

E. None of these

Hindi

4. Which step would be the following output?

'apple 19 goat 41 hot 72 truth 81 yours 93'

A. step 5

B. step 6

C. step 7

D. step 4

E. None of these

Input: 72 goat 93 hot apple 19 81 41 truth yours

Step 1: apple 19 72 goat 93 hot 81 41 truth yours

Step 2: apple 19 goat 41 72 93 hot 81 truth yours

Step 3: apple 19 goat 41 hot 72 93 81 truth yours

Step 4: apple 19 goat 41 hot 72 truth 81 93 yours

Step 5: apple 19 goat 41 hot 72 truth 81 yours 93

Words

Apple
Goat
Hot
truth
Yours

Numbers

19
41
72
81
93
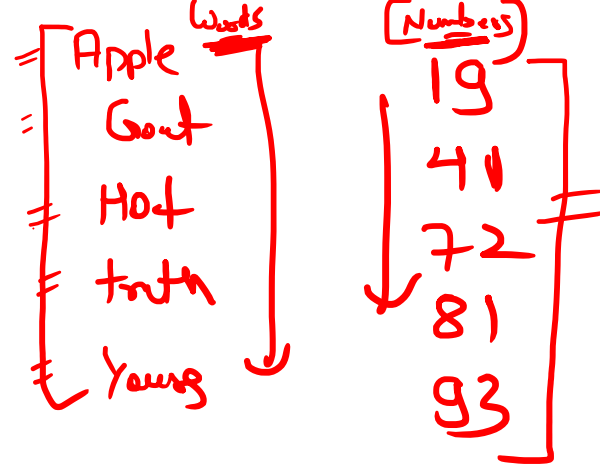
Logic: Words are arranged in alphabetical order from left end and the numbers are arranged in ascending order left end.

Direction (5-8): Study the following information carefully and answer the questions given below it.

A word and number arrangement machine when given an input line of words and numbers rearranges them in a following a particular rule in each step by step. The following is the illustration of input and rearrangement.

Input : 48 table 17 kite 52 mango 13 wear 88 zebra

Step 1: kite 48 table 17 52 mango 13 wear 88 zebra

Step 2: kite 88 48 table 17 52 mango 13 wear zebra

Step 3: kite 88 table 48 17 52 mango 13 wear zebra

Step 4: kite 88 table 52 48 17 mango 13 wear zebra

Step 5: kite 88 table 52 zebra 48 17 mango 13 wear

Step 6: kite 88 table 52 zebra 48 mango 17 13 wear

Step 7: kite 88 table 52 zebra 48 mango 17 wear 13

Here the step 7 is the final rearrangement of the input series.

As per the rules followed in the given steps find appropriate steps for given input below:

Input: 72 user 93 many cable 19 8141 trust strong

(handwritten annotations)

Increasing Order · Decreasing · kite 16 – 88 · Table 35 – 52 · Zebra 37 – 8 · Mango 15 · Weab 41

kite · 88 · Table · 52 · Alphabetical PY · Zebra 48 · Mango 17 · Wear

K, M, T, W, Z

No. of letters → No. of vowels → No. of cons.

Pair → 1st & last (PY's sum) → 1st & 2nd → 2nd & 2nd (last)
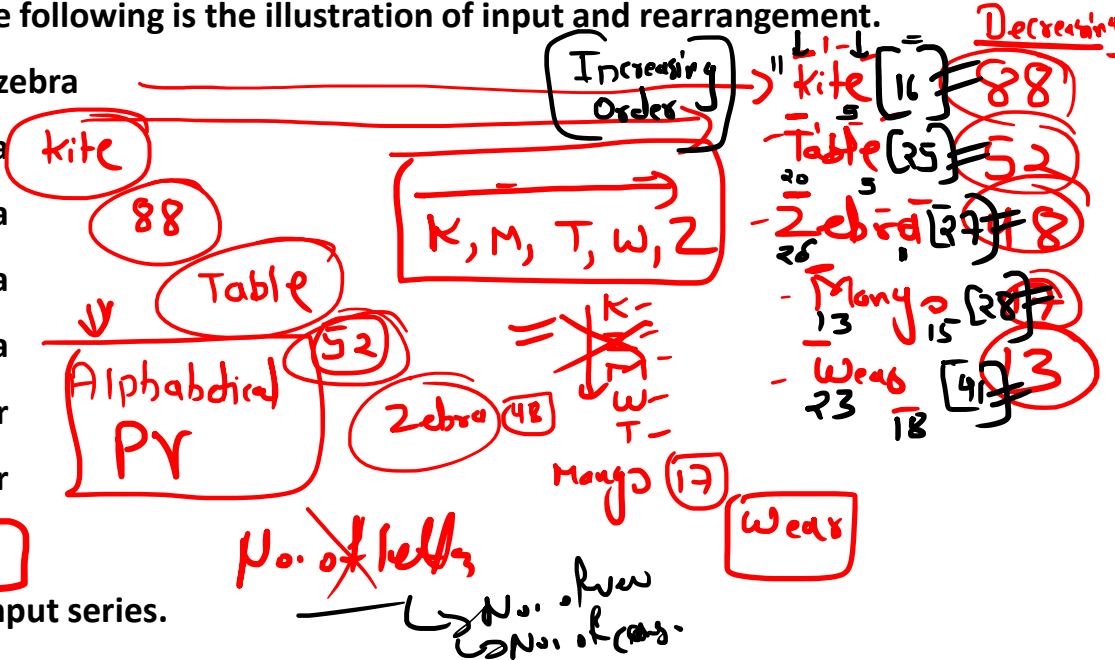
5. Which element is exactly between 81 and 19 in step 5?

A. Cable

B. 48

C. Mumbai

D. 72

E. Many

6. How many steps are required to get the final output?

A. 5

B. 6

C. 7

D. 4

E. None of these

7. What is the sum of first number from left and first number from right of step 3?

A. 134

B. 148

C. 174

D. 113

E. None of these

8. Which of the following element is second to the left of 41 in step 6?

A. 93

B. wear

C. 72

D. trust

E. None of these

Input : 72 user 93 many cable 19 81 41 trust strong

Step 1: Cable 72 user 93 many 19 81 41 trust strong

Step 2: cable 93 72 user many 19 81 41 trust strong

Step 3: cable 93 strong 72 user many 19 81 41 trust

Step 4: cable 93 strong 81 72 user many 19 41 trust

Step 5: cable 93 strong 81 many 72 user 19 41 trust

Step 6: cable 93 strong 81 many 72 user 41 19 trust

Step 7: cable 93 strong 81 many 72 user 41 trust 19

Steps
Create

Logic: Words are arranged in ascending order with respect to sum of the first and last letter in a word from the left end.
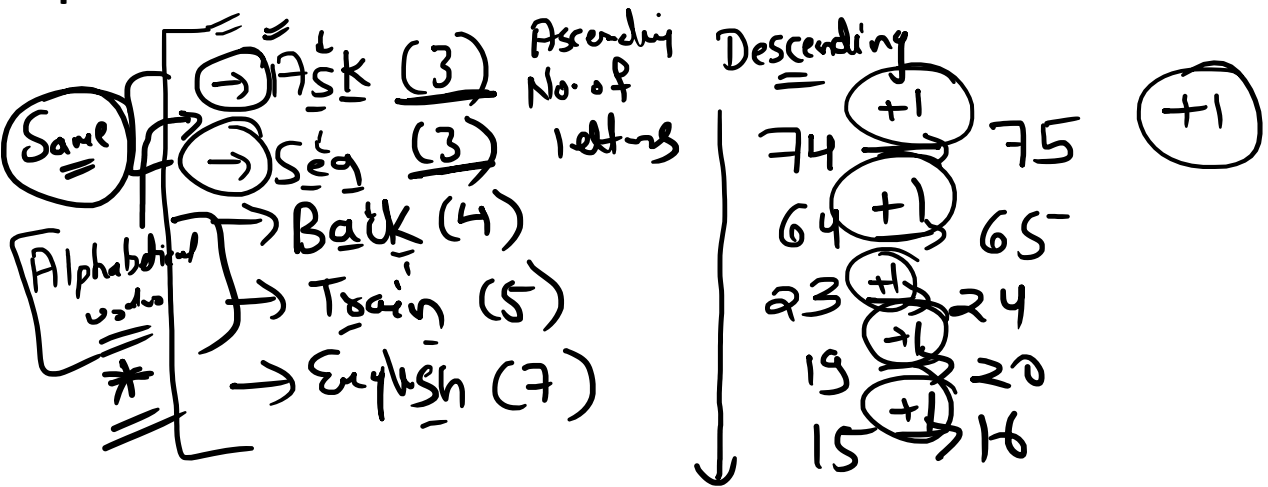
Numbers are arranged in descending order from the left end.

Input: Ask English 23 15 Train Back 19 64 Sea 74

Step I: Ask 75 English 23 15 Train Back 19 64 Sea

Step II: Sea 65 Ask 75 English 23 15 Train Back 19

Step III: Back 24 Sea 65 Ask 75 English 15 Train 19

Step IV: Train 20 Back 24 Sea 65 Ask 75 English 15

Step V: English 16 Train 20 Back 24 Sea 65 Ask 75

Input: Aloo Your Cheates Dhruv 93 51 12 44 Slider 62

→ Ask (3)   Ascending
→ Seg (3)   No. of
                letters
Same
→ Back (4)
Alphabetical value → Train (5)
* → English (7)

Descending

74 → 75   +1
64 → 65   +1
23 → 24   +1
19 → 20   +1
15 → 16   +1

+1

X Pattern
✓ Done

Whatsapp No.
→ 9828097824

Telegram Id → @dhruva2811

Q9. Which element is third to the right of second element from the left end in step II ?

A. 94

B. Aloo

C. Cheates

D. Dhruv

E. 51

3

OPP → 3+2 ⇒ 5

2
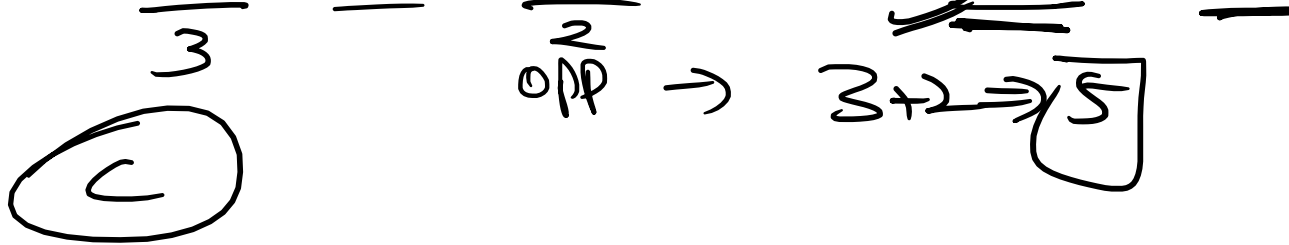
Q10. What is the sum of the digits of third highest and third lowest number in step III ?

A. 13

B. 12

C. 11

D. 10

E. None of these

14   50   8   B
12
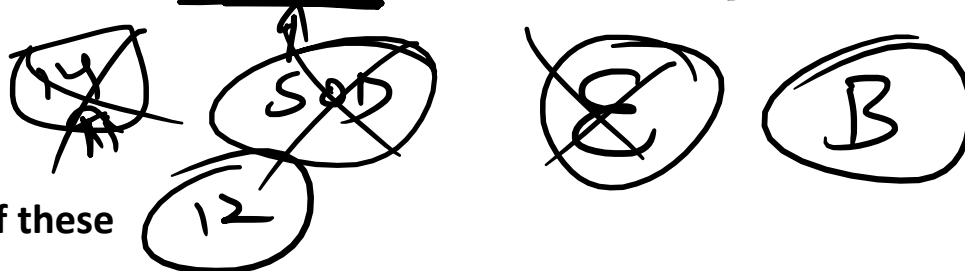
**Q11.** Which element is fifth to the right of third element from the left end in step V ?

A. 11

B. Slider

C. 52

D. Dhruv

E. None of these

E   5 +3 ⇒ 8

Input: Aloo Your Cheates Dhruv 93 51 12 44 Slider 62
Step1: Aloo 94 Your Cheates Dhruv 51 12 44 Slider (62)
Step2: Your 63 Aloo 94 Cheates Dhruv 51 12 44 Slider
Step3: Dhruv 43 Your (63) Aloo 94 Cheates 51 12 Slider
Step4: Slider 52 Dhruv 43 Your 63 Aloo 94 Cheates 12
Step5: Cheates 13 Slider 52 Dhruv 43 Your 63 Aloo 94

↑   ↑   ↑   ↑   ↑   ↑   ↑   ↑
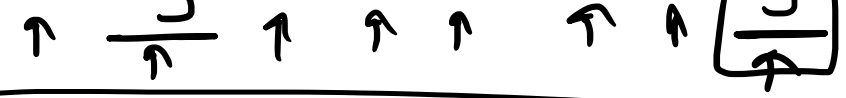
3 → 51 × (no change)

Correction → 52

62 → 26 3
12 → 13

5+1+5+1
12

S.O.D.

5+1+6+13 → 12   51 → 51 → 51 → 102
+   +   +

5+2+5+2
14

Input : Its 81 do 91 or 62 die 11 for 33 all 21

Step1: Die 33 Its 81 Do 91 Or 62 For 33 All 21

Step2: All 63 Die 33 Its 81 Do 91 Or 62 For 33

Step3: Do 99 All 63 Die 33 Its 81 91 Or For

Step4: For 124 Do 99 All 63 Die 33 Its 81 91 Or

Step5: Or 243 For 124 Do 99 All 63 Die 33 Its 81

Step6: Its 273 Or 243 For 124 Do 99 All 63 Die 33

6R

Die → E
All → L
Do → O
For → R
Or → R
Its → S

Alph.
Order

I
Alph. L
Oader O
=
O
Same
=
O
R
T

Input : Derive 47 Confidence 71 From 80 Your 19 Hardwork 21 Always 63

① → Confidence → 57
② → Derive → 63
③ → Hardwork → 141
④ → From → 189
⑤ → Your → 213
⑥ → Always → 160

Q12. Which is the 2nd element to the right of 3rd element from the left end in step 6?

A. From   B. 51   C. 147   D. Your   E. Confidence

Q13. Which is the 4th element to the left of 2nd element from the right end in step 6?

A. 189   B. 160   C. Always D. Derive   E. None of these

Q14. What is the difference between 2nd highest and 2nd lowest number in step 6?

A. 106   B. 156   C. 100   D. 126   E. None of these

Homework → PDF

Class → PDF   (+2HS)   Recorded Format

Input : Derive 47 Confidence 71 From 80 Your 19 Hardwork 21 Always 63

Step 1: Hardwork 63 Derive 47 Confidence 71 From 80 Your 19 Always 63

Step 2: Derive 213 Hardwork 63 47 Confidence From 80 Your 19 Always 63

Step 3: Always 160 Derive 213 Hardwork 63 47 Confidence From Your 19 63

Step 4: Confidence 189 Always 160 Derive 213 Hardwork 63 47 From Your 19

Step 5: Your 57 Confidence 189 Always 160 Derive 213 Hardwork 63 47 From

Step 6: From 141 Your 57 Confidence 189 Always 160 Derive 213 Hardwork 63

2nd letter ( ) — Last letter ( )