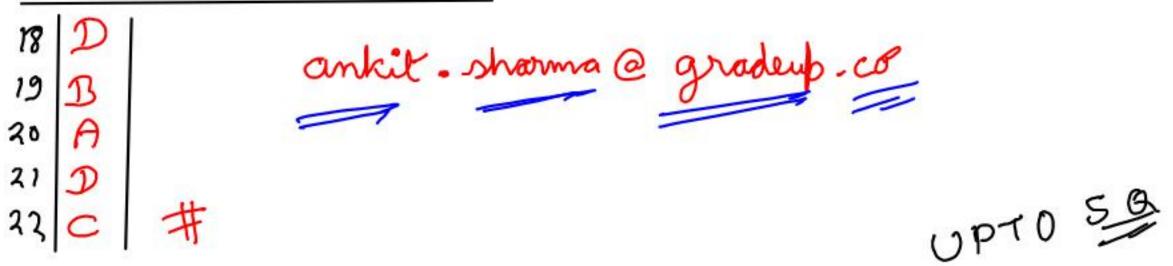




The Most Comprehensive Preparation App For All Exams



Answer Keys of the H.W. :-



Machine Input & Output







LOGIC: In every step 2 operation(s) 57 biological
Step 1: 17 transport
Step 1: 17 transport
Step 11: 28 17 transport
Appease biological
Step 11: 34 28 17 transport
Step 11: 34 28 17 transport
Appease biological
Appease biological
Step 12: 49 34 28 17 transport
Appease biological height
Appeared

Direction (1-5): Study the information given below and answer the questions based on it.

Input: transport 49 17 reside appease 99 78 34 wise jealous height 28

Step I: 17 transport 49 reside 99 78 34 wise jealous height 28 57 biological appease

Step II: 28 17 transport 49 reside 99 78 34 wise jealous height 57 appease biological

Step III: 34 28 17 transport 49 reside 99 78 wise jealous 57 appease biological height

Step IV: 49 34 28 17 transport reside 99 78 wise 57 appease biological height jealous

Step V: 57 49 34 28 17 transport 99 78 wise appease biological height jealous reside

Step VI: 78 57 49 34 28 17 99 wise appease biological height jealous reside transport

Step VII: 99 78 57 49 34 28 17 appease biological height jealous reside transport wise

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



1. What is the position of 'ideal' in Step IV?

A. Sixth from right end

Sixth from left end

C. Fifth from the left

D. Fifth from the right

I) L3 L2 L1) NS (R, R2 R3 Ng



- 1. What is the position of 'ideal' in Step IV?
- A. Sixth from right end
- B. Sixth from left end
- C. Fifth from the left
- D. Fifth from the right

Ans. B.



- 2.How many steps will be required to complete the arrangement?
- A. Four
- B. Six
- C. Seven
- D. Five



- 2.How many steps will be required to complete the arrangement?
- A. Four
- B. Six
- C. Seven
- D. Five

Ans. D.



3. What is step 4 of the given input?

A. 89 wholesale suffering 16 38 nostalgic breathing ideal

>B: Wholesale suffering 16 38 nostalgic breathing ideal 89

C. 89 whole sale 38 suffering 16 nostalgic breathing ideal

None of these



- 3. What is step 4 of the given input?
- A. 89 wholesale suffering 16 38 nostalgic breathing ideal
- B. Wholesale suffering 16 38 nostalgic breathing ideal 89
- C. 89 whole sale 38 suffering 16 nostalgic breathing ideal
- D. None of these

Ans. D.



4. How many words/numbers are there in between '38' and 'suffering' in final step?

A. One

B. Two

C. Six

None of these

Input: 89 wholesale suffering 16 38 nostalgic breathing ideal

立してし、 R, R2R3R5R5 1234



- 4. How many words/numbers are there in between '38' and 'suffering' in final step?
- A. One
- B. Two
- C. Six
- D. None of these

Ans. D.



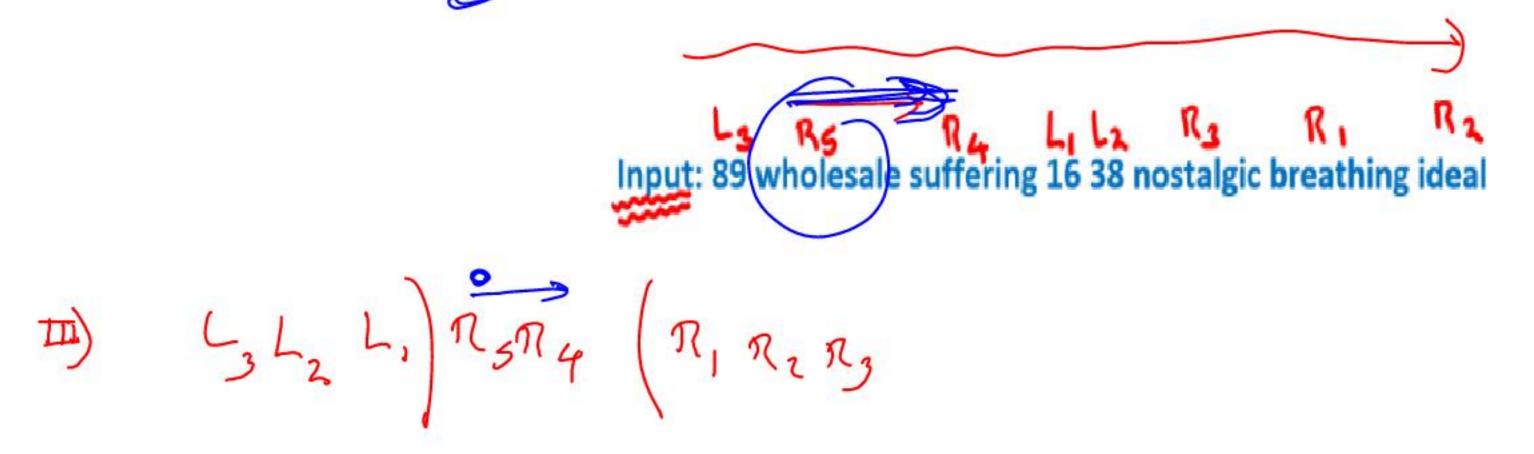
5. Which of the following represents the position of 'wholesale' in the third step?

A. Fourth from the left

5. Fifth from the right

C. Sixth from the left

D Both A and B





5. Which of the following represents the position of 'wholesale' in the third step?

A. Fourth from the left

B. Fifth from the right

C. Sixth from the left

D. Both A and B

Ans. D.



LEE]

WORDS

Numbers

Direction (6-10): A word and number arrangement machine when given an input line of words and numbers rearranges them following a LOGIC: In every step - operation particular rule. The following is an illustration of input and rearrangement.

are performed in OUTWARD arrangement Input: 32 65 transformation 95 transportation 27 transplantation translation 68 translocation

> Step I: transformation 32 65 95 transportation transplantation translation 68 translocation 29

> Step II: translation transformation 65 95 transportation transplantation 68 translocation 29 32

> Step III: translocation translation transformation 95 transportation transplantation 68 29 32 67

> Step IV: transplantation translocation translation transformation 95 transportation 29 32 67 68

> Step V: transportation transplantation translocation translation transformation 29 32 67 68 97

> This is the final arrangement and step V is the last step. As per the rules followed in the steps given above, find out in each of the following questions the appropriate step for the given input.



6. Which step number would be the following output? telephony telepathy teleology telegraphy 93 telescopy 23

22 39 62



- B. Step V
- C. Step VI
- D. Step II

Ly Lz Li) RsLs (R, Rz Rz Rz



- 6. Which step number would be the following output? telephony telepathy teleology telegraphy 93 telescopy 23
- 22 39 62
- A. Step IV
- B. Step V
- C. Step VI
- D. Step II

Ans. A.



7. How many elements (words or number) are there between "telephony" and "39" as they appear in last step of the output?

A. One

B. Three

C. Four

D. Five

hast = Final = Ultimate shop Seconthast = hast But one = Penultiment

I) L3 L3 L2 L1 R3 R2R3 R4RS



7.How many elements (words or number) are there between "telephony" and "39" as they appear in last step of the output?

A. One

B. Three

C. Four

D. Five

Ans. D.



8.Which of the following represents the position of telescopy in the fourth step?

A. Second from the left

B. Third from the left

Fifth from the right

D. Sixth from the right

I) Ly L3 L2 L, \ R5 L5 (R, R2 R3 R5



- 8. Which of the following represents the position of telescopy in the fourth step?
- A. Second from the left
- B. Third from the left
- C. Fifth from the right
- D. Sixth from the right

Ans. C.



9.In Step- III, what is the position of "Telephony" from the left end?

A. Third

B Fifth

C. Second

D. Sixth

L3L2 L, R5 L4L584 R, R2 R3

Input: 22 93 teleology 21 telephony telepathy 37 telegraphy telescopy 62 RLRS

加



9.In Step- III, what is the position of "Telephony" from the left end?

A. Third

B. Fifth

C. Second

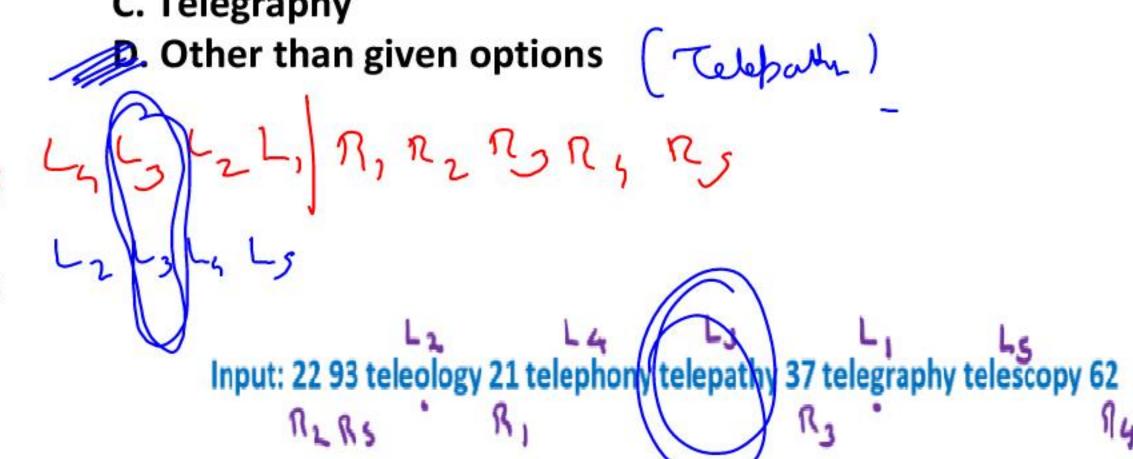
D. Sixth

Ans. B.



10.If in the last step all the words get rearranged in alphabetical order, which of the following words retain its original position?

- A. Teleology
- **B.** Telephony
- C. Telegraphy





10.If in the last step all the words get rearranged in alphabetical order, which of the following words retain its original position?

- A. Teleology
- **B.** Telephony
- C. Telegraphy
- D. Other than given options

Ans. D.



LOGIC - In every step (1)
element is arranged in the
INWARD arrangement.

LOGIC - In every step (1)

element is arranged in the
INWARD arrangement.

LOGIC - In every step (1)

element is arranged in the
arrange orrange.

The numbers are arranged as per the sum of their digits in the ascending order.

Direction:(11-15) Read the following information carefully to give the answers of the given questions.

A number sorting machine when given an input of numbers rearranges them in a particular manner step by step as indicated below till all the numbers are arranged. Given below is an illustration of this arrangement.

Input: 123 401 920 741 205 54 325 143 200 310

Step 1: 200 123 401 920 741 205 54 325 143 310

Step 2: 200 310 123 401 920 741 205 54 325 143

Step 3: 200 310 401 123 920 741 205 54 325 143

Step 4: 200 310 401 123 205 920 741 54 325 143

Step 5: 200 310 401 123 205 143 920 741 54 325

Step 6: 200 310 401 123 205 143 54 920 741 325

Step 7: 200 310 401 123 205 143 54 325 920 741

Step 7 is the last step of the given input. As per the rules followed in the above step, find out in the given questions the appropriate step for the given input.

>>> Input: 111 521 572 221 933) 135 21/8 25/6 60/1 51/4



 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 218
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 256
 572
 933

11. What is the last step of the given input?

A. Step 7

B. Step 6

C. Step 8

D. Step 5



Input: 111 521 572 221 933 135 218 256 601 514

Step 1: 111 221 521 572 933 135 218 256 601 514

Step 2: 111 221 601 521 572 933 135 218 256 514

Step 3: 111 221 601 521 135 572 933 218 256 514

Step 4: 111 221 601 521 135 514 572 933 218 256

Step 5: 111 221 601 521 135 514 218 572 933 256

Step 6: 111 221 601 521 135 514 218 572 933

11. What is the last step of the given input?

A. Step 7

B. Step 6

C. Step 8

D. Step 5

Ans. B.



 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 218
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 256
 572
 933

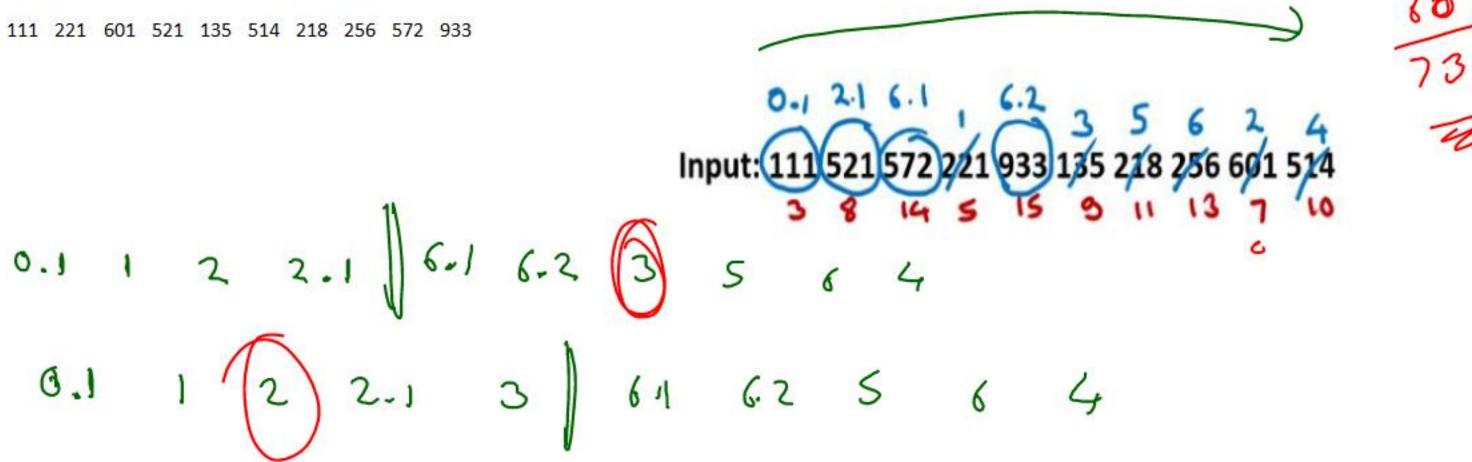
12. What is the sum of the numbers which are 4th from the right end in step 2 and 3rd from the left end in step

135

3? A. 736 — C. 514

B. 800

D. 332





 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 218
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 256
 572
 933

12. What is the sum of the numbers which are 4th from the right end in step 2 and 3rd from the left end in step 3?

A. 736

B. 800

C. 514

D. 332

Ans. A.



 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 218
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

13. In which step '111 221 521' comes together?

A. Step 3

B. Step 4

C. Step 2

D-Step 1

3 8 14 5 15 9 11 13 7 10

I) 0.1 1 2.1 6.2 3 5 6 2 9



Input: 111 521 572 221 933 135 218 256 601 514

Step 1: 111 221 521 572 933 135 218 256 601 514

Step 2: 111 221 601 521 572 933 135 218 256 514

Step 3: 111 221 601 521 135 572 933 218 256 514

Step 4: 111 221 601 521 135 514 572 933 218 256

Step 5: 111 221 601 521 135 514 218 572 933 256

Step 6: 111 221 601 521 135 514 218 256 572 933

13. In which step '111 221 521' comes together?

A. Step 3

B. Step 4

C. Step 2

D. Step 1

Ans. D.



 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 218
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

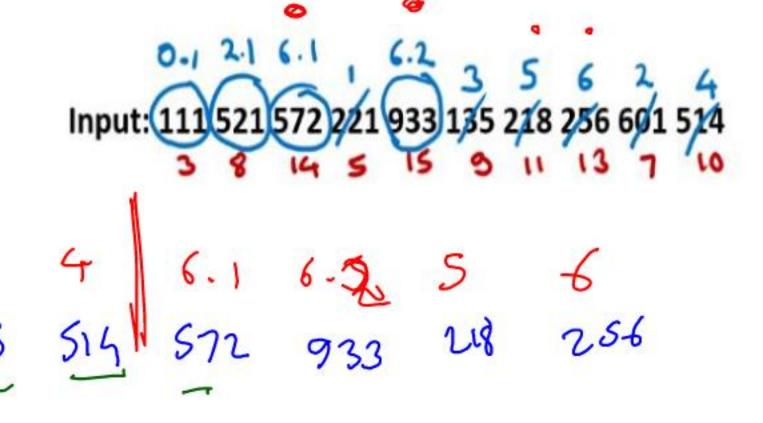
14. What is the step 4 of the given input?

A. 111 221 601 521 135 514 218 572 933 256

-B. 111 221 601 521 135 572 933 218 256 514

C. 111 221 601 521 135 514 572 933 218 256

D. 111 221 601 521 135 514 218 256 572 933





 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

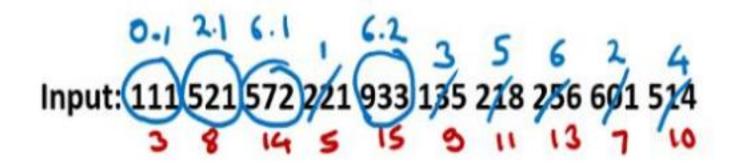
 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 256
 572
 933

14. What is the step 4 of the given input?
A. 111 221 601 521 135 514 218 572 933 256
B. 111 221 601 521 135 572 933 218 256 514
C. 111 221 601 521 135 514 572 933 218 256
D. 111 221 601 521 135 514 218 256 572 933
Ans. C.





Input: 111 521 572 221 933 135 218 256 601 514

Step 1: 111 221 521 572 933 135 218 256 601 514

Step 2: 111 221 601 521 572 933 135 218 256 514

Step 3: 111 221 601 521 135 572 933 218 256 514

Step 4: 111 221 601 521 135 514 572 933 218 256

Step 5: 111 221 601 521 135 514 218 572 933 256

Step 6: 111 221 601 521 135 514 218 256 572 933

15. What is the difference between the number which are at the extreme right place in the last step and 3rd from the left end in step 5?

A. 300

C. 180

B. 332

D. 110

332



 Input:
 111
 521
 572
 221
 933
 135
 218
 256
 601
 514

 Step 1:
 111
 221
 521
 572
 933
 135
 218
 256
 601
 514

 Step 2:
 111
 221
 601
 521
 572
 933
 135
 218
 256
 514

 Step 3:
 111
 221
 601
 521
 135
 572
 933
 218
 256
 514

 Step 4:
 111
 221
 601
 521
 135
 514
 572
 933
 218
 256

 Step 5:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

 Step 6:
 111
 221
 601
 521
 135
 514
 218
 572
 933
 256

15. What is the difference between the number which are at the extreme right place in the last step and 3rd from the left end in step 5?

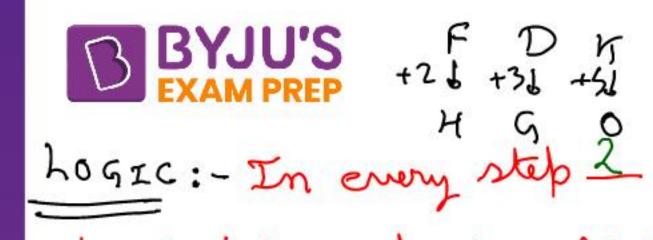
A. 300

B. 332

C. 180

D. 110

Ans. B.



aperation(s) are performed in the

OUTWARD avrangement.

Word

Word

Word

Word

About

Number ascending, order crites multiplying by 2. Direction: (16–20) Study the following information carefully and answer the given questions. When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a rule. The following is an illustration of Input and rearrangement. (all numbers are of two digits).

Input: fdk 19 bqr 43 zeh 21 mox 42

Step I: dtv 38 fdk 43 zeh 21 mox 42

Step II: hgo 42 dtv 38 43 zeh mox 42

Step III: orb 84 hgo 42 dtv 38 43 zeh

Step IV: bhl 86 orb 84 hgo 42 dtv 38

Step IV is the last step for above input. Find out appropriate steps for the input

Input: g/n /27 r/su 3/2 vy/z 1/7 f/ea 4/9

Answer the following questions based on the above information:





A. 64

C. 27

54 64 34 98

Input: gln 27 rsu 32 vyz 17 fea 49



16. Which is the smallest number in step-IV?

A. 64

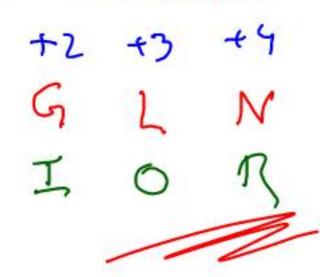
B. 17

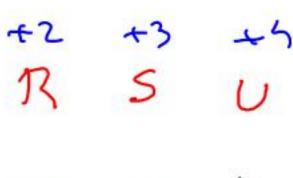
C. 27

D. 34

Ans. D



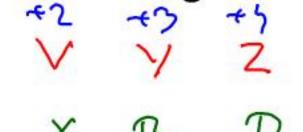




17. Which element is not the part of arrangement?



B. hee



C. xbd

D. Hhe

H H



- 17. Which element is not the part of arrangement?
- A. lor
- B. hee
- C. xbd
- D. Hhe

Ans. B



18. "64 ior 54" first appears in which step?

A. step III

B. step II

C. step IV

D. step V

Tyy 64 Ton 55





18. "64 ior 54" first appears in which step?

A. step III

B. step II

C. step IV

D. step V

Ans. A

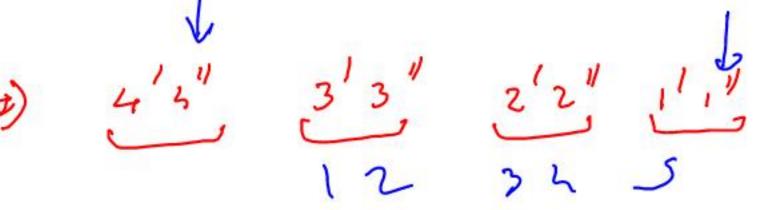


19. How many elements are there between 's



in step IV?

- A. 4
- B. 2
- D. 0



None of these (5)



19. How many elements are there between '98' and '34' in step IV?

A. 4

B. 2

D. 0

D. None of these

Ans. D



20. Which of the following is the III step of given input?

A. xbd 98 tvy 68 ior 54 hhe 34

B. tvy 64 irr 54 hhe 34 vyz 49

C. xbd 98 tvy 64 ior 54 hhe 39

tvy 64 ior 54 hhe 34 vyz 49

Input: gln 27 rsu 32 vyz 17 fea 49

11)

313" 212" 11,11

Input : gln 27 rsu 32 vyz 17 fea 49

Step I: hhe 34 gln 27 rsu 32 vyz 49

Step II: ior 54 hhe 34 rsu 32 vyz 49

Step III: tvy 64 ior 54 hhe 34 vyz 49

Step IV: xbd 98 tvy 64 ior 54 hhe 34



20. Which of the following is the III step of given input?

A. xbd 98 tvy 68 ior 54 hhe 34

B. tvy 64 irr 54 hhe 34 vyz 49

C. xbd 98 tvy 64 ior 54 hhe 39

D. tvy 64 ior 54 hhe 34 vyz 49

Ans. D

Input: gln 27 rsu 32 vyz 17 fea 49

Input : gln 27 rsu 32 vyz 17 fea 49

Step I: hhe 34 gln 27 rsu 32 vyz 49

Step II: ior 54 hhe 34 rsu 32 vyz 49

Step III: tvy 64 ior 54 hhe 34 vyz 49

Step IV: xbd 98 tvy 64 ior 54 hhe 34

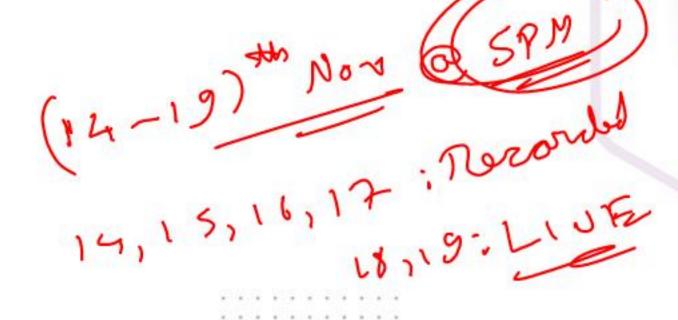




ये game है Puzzle का SBI PO/IBPS PO 2021

Matrix Based Puzzles

by Ankit sir







BBYJU'S



SBI PO Prelims 2021

EXAM ANALYSIS

20 NOV SHIFT - 1

सबसे पहले, सबसे बेहतर

@9:30 AM FROM EXAM CENTER





