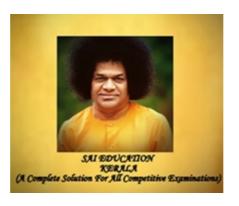# ONLINE COACHING -DAY 108-(02-08-2019)

MACHINE CODING

NAME OF THE CANDIDATE *

M4 ▼

PLACE OF THE CANDIDATE *

PATHANAMTHITTA ▼

WHATSAPP NUMBER (JOINED IN THE SAI EDUCATION ONLINE COACHING PLATFORM GROUP) *

0000000000

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN YOUR DIARY BEFORE SENDING THE ANSWERS

1.https://youtu.be/p6NZc8gJ98s
2.https://youtu.be/5adSgxweB9E

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. (All the numbers are two-digit numbers and all are arranged as per some logic based on the value of the number.)

Input: under 69 43 88 balls invite 54 tree 35 22 monkey colour
Step I: 88 69 43 balls invite 54 tree 35 22 monkey colour under
Step II: 22 88 69 43 balls invite 54 35 monkey colour under tree
Step III: 69 22 88 43 balls invite 54 35 colour under tree monkey
Step IV:35 69 22 88 43 balls 54 colour under tree monkey invite
Step V: 54 35 69 22 88 43 balls under tree monkey invite colour
Step VI: 43 54 35 69 22 88 under tree monkey invite colour balls
Step VI is the last step of the above input.

Input: match 68 Australia win 29 17 held in 41 49 the 55

As per the rules followed in the above steps, find out the appropriate steps for the given input and answer the questions given below.

1. In which step the elements "41 win the" found in the same order? * 1 point

- ◉ Step V
- ◯ Step IV
- ◯ Step iii
- ◯ Step ii

2. Which element is exactly between "68" and "held" in Step IV? * 1 point

- ◯ 29
- ◉ Australia
- ◯ the
- ◯ match

3. Which step number would be the following output? "49 29 55 17 68 Australia 41 win the match in held" *

1 point

◯ There is no such step

◯ Step iii

◯ Step ii

◉ Step v

4. Which of the following would be step II? *

1 point

◯ 68 match Australia 29 17 held in 41 49 the 55 win

◯ 41 49 29 55 17 68 win the match in held

◯ 17 68 Australia match 29 in held 41 49 55 win the

◉ None of These

5. Which word/number would be at seventhposition from the left end in step IV? *

1 point

◯ held

◯ 49

◉ 41

◯ win

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 rearrangements

Input   : but 32 71 glory fair south 65 84
Step I   : south but 32 71 glory fair 65 84
Step II : south 84 but 32 71 glory fair 65
Step III : south 84 glory but 32 71 fair 65
Step IV :south 84 glory 71 but 32 fair 65
Step V : south 84 glory 71 fair but 32 65
Step VI : south 84 glory 71 fair 65 but 32
and Step VI is the last step of the above rearrangement

As per rules followed in the given steps, find appropriate step for given Input.

6.Step III of an input is: year 92 ultra 15 23 strive house 39.How many more steps will be required to complete the rearrangement? *   1 point

◯ Three

◉ Four

◯ Two

◯ Five

7.Input : any how 49 24 far wide 34 69 .Which of the following step will be the last but one? *   1 point

◯ VI

◯ VII

◉ V

◯ VIII

8.Step II of an input is : town 74 pair 15 31 nice job 42. which of the following is definitely the input? *   1 point

◯ pair 15 31 town nice job 42 74

◯ pair 15 town 31 74 nice job 42

◯ pair 15 town 74 31 nice job 42

◉ Canot be determined

9.Input : play over 49 37 12 match now 81 which of the following will be the step IV? *   1 point

○ play 81 over 49 37 match now

○ play 8 over 49 37 12 match a now

○ play 81 over 49 now 37 match 12

⦿ There will be no such step

10.Step II of an Input is : war 58 box cart 33 49 star 24.Which of the following steps will be the last? *   1 point

○ V

⦿ VI

○ IV

○ VII

11. Input : Shower fall water 34 51 67 98 goal . How many steps will be required to complete the arrangement *   1 point

○ Three

○ Four

○ Six

⦿ Five

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 rearrangements(Single-digit numbers are preceded by a zero, All other numbers are two-digit numbers)

Input : good 18 to raise 02 12 money 28 for 57 charity 09
Step I : to good 18 raise 02 12 money 28 for charity 09 57
Step II : to raise good 18 02 12 money for charity 09 28 57
Step III : to raise money good 02 12 for charity 09 18 28 57
Step IV :to raise money good 02 for charity 09 12 18 28 57
Step V : to raise money good for charity 02 09 12 18 28 57
Step VI : is the last step of the arrangement of the above input as the intended arrangement is obtained

Directions question 12 and 13:These questions are based on the following input INPUT: always 19 give 21 84 for 62 14 worthy causes

12. Which of the following would be step III for the above input? * 1 point

○ worthy give for always 19 14 cause 84 62 21

○ worthy give for always 14 19 cause 21 62 84

○ always give for worthy 19 14 cause 21 62 84

◉ worthy give for always 19 14 cause 21 62 84

13. How may steps would be needed to complete the arrangements for the above input? * 1 point

○ VI

○ V

◉ IV

○ VII

Directions question 14 to 16 :These questions are based on the following input:

 INPUT: 50 62 tips on 67 how can 42 stay young 17 89 forever 03

14. The following stands for which step of the arrangement? young tips stay 50 on how can 42 17 forever 03 62 67 89 *   1 point

- ◉ step III

- ○ step V

- ○ step VI

- ○ step IV

15. which of the words /numbers below would be at the fifth position(from the right end) in step V of the input? *   1 point

- ○ forever

- ◉ 42

- ○ 50

- ○ young

16. which of the following would be the last step for the input? *   1 point

- ◉ young tips stay on how forever can 03 17 42 50 62 67 89

- ○ young tips stay on how forever can 89 67 62 50 42 17 03

- ○ can forever how on stay tips forever 89 67 62 50 42 17 03

- ○ young tips stay on how forever csn 03 17 42 50 67 62 89

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 rearrangements

Input: Day 74 Night 36 25 68 for All
.Step I: All Day 74 Night 36 25 68 For
Step II: All 74 Day Night 36 25 68 For
Step III: All 74 Day 68 Night 36 25 For
Step IV:All 74 Day 68 For Night 36 25
Step V: All 74 Day 68 For 36 Night 25
Step VI: All 74 Day 68 For 36Night 25
Step VI is the last step of the above input

17. Step III of an input is: BOND 86 GOAL 12 33 LIKE HIGH 46. Which will be the step 6? *   1 point

○ BOND 86 GOAL 46 HIGH 33 LIKE 12

○ BOND 86 GOAL 46 12 33 LIKE HIGH

◉ BOND 86 GOAL 46 HIGH 33 12 LIKE

○ BOND 86 GOAL 46 HIGH 12 33 LIKE

18. Which step number would be the following out put: BOND 86 GOAL 46 12 33 LIKE HIGH *   1 point

◉ Four

○ five

○ two

○ six

19. which word or number would be at 6th position from the left end in step 5? *   1 point

○ L

○ 46

◉ 12

○ H

20. Which word/number is exactly between 33 and 12 in step 7? *   1 point

○ H

◉ L

○ 46

○ G

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 rearrangements(all the numbers are two digit numbers)

Input : 14 36 methodology 21 of research 59 crucial 98 very 62 is
Step I: 98 14 36 methodology 21 of research 59 crucial very is 62
Step II: 98 very 14 36 methodology 21 of 59 crucial is research 62
Step III: 59 98 very 14 methodology 21 of crucial is research 62 36
Step IV:59 98 very of 14 21 crucial is methodology research 62 36
Step V: 21 59 98 very of crucial is methodology research 62 36 14
Step VI: 21 59 98 very of is crucial methodology research 62 36 14
Step VI is the last step of the above arrangement as the intended arrangement is obtained.
As per the rules followed in the given steps find out the appropriate steps for the given input.
Input : 65 work in 23 to be 13 89 managed 48 97 load 34 healthy 55 style

21.Which element is exactly between 'style' and 'be' n second last step of the given arrangements? *

1 point

○ work

○ healthy

○ 23

◉ load

22. What is the position of 48 from the right end in the third step? *

1 point

○ Sixth

○ Seventh

○ Fifth

◉ Eighth

23. Which of the following is fifth step of the arrangement based on the given input? *

1 point

○ 48 65 97 to managed in 23 be 13 load healthy style work 89 55 34

○ 48 work 65 style 97 in 23 be 13 load healthy 89 managed 55 to 34

◉ 48 65 97 work style in 23 be 13 load healthy managed to 89 55 34

○ 34 48 55 65 89 97 work style in 23 be 13 load healthy managed to

24. In which step are the elements 'be 13 healthy in' found in the same order? *

1 point

○ third

◉ sixth

○ fourth

○ the given order of elements is not found in any step

25. How many steps will be required to complete the given arrangement based on the given input? *

1 point

◉ Eight

○ Seven

○ Nine

○ Six

THANK YOU !!!