

108 DAYS ONLINE COACHING-(DAY 94)-[10-01-2020~FRIDAY]

MACHINE CODING



NAME OF THE CANDIDATE *

M4

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A word arrangement machine when given an input of words, rearranges them following a particular rule in each step. The following is an illustration of input and steps rearrangement. Study the given information carefully and answer the following questions.(Q.1-5)

INPUT: Mobile Bag Plate Charger Mouse Box

STEP 1: Bag Mobile Plate Charger Mouse Box

STEP 2: Bag Box Mobile Plate Charger Mouse

STEP 3: Bag Box Charger Mobile Plate Mouse

STEP 4: Bag Box Charger Mobile Mouse Plate

Input: Rent Dear House Bear Colony

As per the rules followed in the given steps, answer the questions given below for the following input.

1. What would be the last step of the following input? *

1 point

- 1) Bear Colony Dear House Rent
- 2) Dear Bear House Colony Rent
- 3) Rent Dear House Bear Colony
- 4) Bear Colony House Rent Dear
- 5) Bear Colony Dear Rent House

2. How many steps are there? *

1 point

- 1) 3
- 2) 4
- 3) 5
- 4) 6
- 5) Either 3 or 5

3. Which comes exactly between “Colony” and “House” in the final step? *

1 point

- 1) Dear
- 2) Bear
- 3) Rent
- 4) Either Bear or Rent
- 5) None of these

4. Which element is 3rd from the left in the final step? *

1 point

- 1) Bear
- 2) Dear
- 3) Rent
- 4) House
- 5) Colony

5. What would be the second step of the input? *

1 point

- 1) Bear Colony Rent Dear House
- 2) Bear Rent Dear House Colony
- 3) Bear Colony Dear Rent House
- 4) Bear Colony Dear House Rent
- 5) None of the above

A number arrangement machine, when given a particular input, rearranges it following a particular rule. The following is the illustration of the input and the steps of arrangement. Study the following information carefully and answer the questions given below.(Q.6-10)

Input: 39 55 19 20 37 41 68 53
Step I: 19 39 55 37 41 68 53 20
Step II: 19 37 55 41 68 53 20 39
Step III: 19 37 41 68 53 20 39 55
Step IV: 19 37 41 53 20 39 55 68
Step V: 21 34 43 50 22 36 57 65
Step VI: 21 34 43 50 36 57 65 22
Step VII: 21 43 50 36 57 65 22 34
Step VIII: 21 43 57 50 65 22 34 36
Step IX: 21 43 57 65 22 34 36 50

Input: 25 58 47 33 23 73 64 61

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

6. How many steps are needed to complete this arrangement? *

1 point

- 1) X
- 2) XII
- 3) VI
- 4) VIII
- 5) IX

7. Which of the following is fourth from the left end of Step VI in the above arrangement? *

1 point

- 1) 61
- 2) 80
- 3) 60
- 4) 70
- 5) None of these

8. Which of the following represents the sum of the first and the last elements in the second last step? *

1 point

- 1) 50
- 2) 85
- 3) 100
- 4) 95
- 5) 115

9. Which of the following is step V of the given input? *

1 point

- 1) 25 27 61 63 70 30 44 62
- 2) 25 44 63 70 27 30 62 61
- 3) 25 44 63 70 27 30 60 61
- 4) 25 44 63 70 27 60 61 30
- 5) None of these

10. Which elements are there between 6th from the left and 6th from the right in step IV? *

1 point

- 1) 63, 70
- 2) 44, 59
- 3) 73, 25
- 4) 25, 62
- 5) 64, 73

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.(Q.11-15)

Input: 32 69 56 88 47 94 54

Step I: 94 32 69 56 88 47 54

Step II: 94 69 56 88 47 54 32

Step III: 94 88 69 56 47 54 32

Step IV: 94 88 69 56 54 32 47

Step V: 94 88 69 56 32 47 54

Step V is the last step for the given input.

Input: 11 19 25 39 61 70 48 36

As per the rules followed in the above steps, answer the questions for the following input.

11. Which of the following is the second last step? *

1 point

- 1) 70 61 48 39 11 19 25 36
- 2) 39 61 48 70 25 11 19 36
- 3) 70 61 48 39 36 11 19 25
- 4) 39 48 61 70 25 19 11 36
- 5) None of these

12. In a certain way if 70 is related to 19, 61 is related to 11, then which number is related to 36 in step V? *

1 point

- 1) 36
- 2) 39
- 3) 70
- 4) 48
- 5) 25

13. How many numbers is/are between '61' and '11' in the third last step? *

1 point

- 1) Zero
- 2) One
- 3) Two
- 4) Three
- 5) Four

14. Complete the series based on the arrangement in step IV. 70 61 39 ___ *

1 point

- 1) 19
- 2) 25
- 3) 11
- 4) 36
- 5) 48

15. Which number is second to the left of the fifth number from the right in the last step? *

1 point

- 1) 61
- 2) 48
- 3) 25
- 4) 11
- 5) 19

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of Input and rearrangement.(All the numbers are two digit numbers.)Study the following information carefully and answer the given questions.(Q.16-20)

Input: 24 plate 79 paste 27 36 boundary candle 44 33 pigeon sparrow
Step I: 79 paste 24 plate 27 36 boundary candle 44 33 pigeon sparrow
Step II: 79 paste 44 plate 24 27 36 boundary candle 33 pigeon sparrow
Step III: 79 paste 44 plate 33 candle 24 27 36 boundary pigeon sparrow
Step IV: 79 paste 44 plate 33 candle 36 pigeon 24 27 boundary sparrow
Step V: 79 paste 44 plate 33 candle 36 pigeon 27 sparrow 24 boundary
Step V is the last step

Input: 23 book 78 bake blast 34 37 chicken chariot 24 33 spider

As per the rules followed in the above step, find out the steps for the given input

16. What is the last step for above Input? *

1 point

- 1. Step IV
- 2. Step V
- 3. Step VI
- 4. Step VII
- 5. None

17. Which of the following element would at 6th position from left end in step II? *

1 point

- 1. 23
- 2. blast
- 3. 34
- 4. chicken
- 5. chariot

18. In Step IV if 'bake' is related to '78', 'book' is related to '33' then 'blast' is related to? 1 point

*

- 1. 34
- 2. spider
- 3. 23
- 4. 24
- 5. None

19. Which step number would be the following output – '37 bake 78 book 33 blast 23 34 chicken chariot spider 24'? *

- 1. Step II
- 2. Step III
- 3. Step IV
- 4. Step V
- 5. None

20. In which of the following step '23 chicken chariot' appear in same order? *

- 1. Step II
- 2. Step III
- 3. Step IV
- 4. Step V
- 5. None

THANK YOU!!!

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