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

Input: 62 97 38 74 55 12 86 45 68 22
Step 1: 13 62 97 38 74 55 86 45 68 23
Step 2: 39 13 62 97 74 55 86 68 23 46
Step3: 56 39 13 97 74 86 68 23 46 63
Step 4: 69 56 39 13 97 86 23 46 63 75
Step 5: 87 69 56 39 13 23 45 63 75 98

Find the different steps of output using the above mentioned logic for the following input.

Input: 88 59 28 94 37 75 15 64 71 48

1) Which of the following number is 5th to left of 49 in step 4?

a) 60

b) 38

c) 16

d) 72

e) None of these

2) How many numbers are there between the one which is 3rd from the right end and 38 in step 3?

a) four

b) one

c) more than four

d) two

e) None of these

3) How many numbers are there between 72 and the one which 4th to left of 76 in step 5?

a) three

b) two

c) none

d) more than three

e) None of these

4) What is the position of 88 from the right end in last but one step?

a) fourth

b) fifth

c) sixth

d) third

e) None of these

5) Which of the following number is 7ᵗʰ from the left end in step 5?

a) 29

b) 65

c) 76

d) 49

e) None of these

Directions: A word and number machine when arranges an input line of words and numbers it follows a pattern at each step to reach the final output. Below mentioned is an illustration of the same.

Input: speak 46 sweetly 12 with 84 immense 38 pleasure 52 fraternity 70
Step I: 12 speak 46 sweetly with 84 immense 38 pleasure 52 fraternity 70
Step II: 38 with 12 speak 46 sweetly 84 immense pleasure 52 fraternity 70
Step III: 46 immense 38 with 12 speak sweetly 84 pleasure 52 fraternity 70
Step IV: 52 pleasure 46 immense 38 with 12 speak sweetly 84 fraternity 70
Step V: 70 sweetly 52 pleasure 46 immense 38 with 12 speak 84 fraternity
Step VI: 84 fraternity 70 sweetly 52 pleasure 46 immense 38 with 12 speak

Step VI is the final Output.

On the basis of given illustration find the various steps and final output for the input given below.

Input: around 35 world 57 meet 91 several 39 problematic 43 instances 19

6) Which of the following is third to the right of fifth element from left end in step IV?

a) Problematic

b) 35

c) meet

d) 57

e) None of these

7) Which of the following comes exactly between 'around' and 'world' in the final output?

a) 39

b) several

c) 19

d) 35

e) All of these

8) What is the position of 'meet' with respect to 'world' in step III?

a) third to the left

b) fifth to the right

c) sixth to the left

d) immediate left

e) None of these

9) With respect to the final output, 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) problematic - 19

b) 43 - several

c) 57 - around

d) meet - 91

e) 57 - several

10) Which of the following steps is – " 35 around 19 meet world 57 91 several 39 problematic 43 instances"?

a) Step I

b) Step II

c) Step IV

d) Step III

e) There is no such step