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इस खेल में कोई वित्तीय जोखिम नहीं है और इसकी आदत लग जाए तो अच्छा है।

## Puzzle Test for SBI Po Pre, IBPS Po Pre, LIC AAO, SBI Clerk and IBPS Clerk Exams.

Directions (1-5): A word and number arrangement machine when given an input line of words and numbers rearranges them following a different rule in each step. The following is an illustration of input and rearrangement.

Input: potent klemens carpont frucar fuchcal dhausig
Step I: arpon hausi lemen oten ruca uchca
Step II: 163110202222
Step III: 37101488
Step IV: 14881037
Step V: 1949
Step $V$ is the final step
Following the same pattern, solve for the given input.
Input: treimors ghendos wertyos stredins quediton bitcals

1. Find the difference between the numbers obtained in the final step.
A. 24
B. 30
C. 106
D. 76
E. 54
2. How many odd numbers are there in step IV?
A. 3
B. 4
C. 2
D. 5
E. 6
3. How many times has the letter ' 0 ' been repeated in step I?
A. 3
B. 1
C. 4
D. 5
E. 6
4. Which of the following words are not in step I?
A. ertyo
B. hendo
C. itcal
D. temos
E. tredin
5. Find the difference between the highest number in step II and smallest number in step III.
A. 49
B. 50
C. 46
D. 40
E. 28

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| D | B | C | D | A |



## Common Explanations (1-5):

Step I has been gotten by removing first and last letter of each word and then arranging them in dictionary order from left to right.

Input: treimors ghendos wertyos stredins quediton bitcals
Step I: ertyo hendo itcal reimor tredin uedito
Step II has been found by adding the associated number in the alphabet with each vowel. For instance, in 'ertyo', we will get $(e=5)+(o=15)=20$

Step II: 202010291450
Step III has been found by squaring each digit of a number and then adding.
Step III: 441851725

Step IV is step III in ascending order
Step IV: 144172585
Step V is sum of numbers on even position and odd position.
First number $=1+4+25=30$, second number $=4+17+85=106$
Step V: 30106
Complete arrangement:
Input: treimors ghendos wertyos stredins quediton bitcals
Step I: ertyo hendo itcal reimor tredin uedito
Step II: 202010291450
Step III: 441851725
Step IV: 144172585
Step V: 30106

1. We got 30 and 106 , the difference $=76$.

Hence, option D is correct.
2. $1,17,25$ and 85 are the odd numbers. Thus there are 4 odd numbers.

Hence, option B is correct.
3. It has been four times.

Hence, option C is correct.
4. There is no such word as 'temos' in step I.

Hence, option D is correct.
5. Highest number in step II $=50$

Smallest number in step III = 1

Difference $=49$

Hence, option A is correct.

# -' Smartkeeda <br> Presents 

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