

## Reasoning Questions for IBPS Clerk Pre, SBI Clerk Pre and RRB Asst. Pre Exams.

## Reasoning Quiz 2

Direction: Read the following questions carefully and choose the right answer.

1. How many such pairs of letters are there in the 'ENTHUSIASTIC' each of which has as many letters between them in the word as in the English Alphabet?
A. None
B. One
C. Two
D. Three
E. More than three
2. In a row of 70 persons, Asha is eighteenth from the left end and Ashu is thirteenth from the right end. How many persons are there in between Asha and Anshu if Anshu is eleventh to the left of Ashu?
A. 38
B. 40
C. 28
D. 44
E. None of these
3. How many such pairs of letters are there in the 'SEQUENTIAL' each of which has as many letters between them in the word as in the English Alphabet?
A. More than three
B. None
C. Two
D. One
E. Three
4. If all the letters of the word 'DEPRECIATION' are arranged in the alphabetical order then the position of how many letters will be remain unchanged?
A. None
B. One
C. Two
D. Three
E. More than three

Directions: Read the information carefully and answer the questions given below.
Anand starts from point $P$ and walks 15 m towards north and reaches point Q . He then takes a right turn and walks 10 m and reaches point R . He again takes a right turn and walks 25 m and reaches point S . He takes a left turn and walks for 5 m and reaches point $T$. He again takes a left turn and walks for 30 m to reach point U . From here he takes a left turn and walks 15 m and stops at point V . [Set of 2 questions]
5. If Anand stands at point $T$, then in which direction is he with respect to the starting point?
A. Southeast
B. Northeast
C. Southwest
D. South
E. None of these
6. How far is Anand from the starting point?
A. 30 m
B. 20 m
C. 10 m
D. 15 m
E. None of these
7. Pointing to a photograph, a woman said, "His father is the only son of my daughter's grandmother's husband." How is the person in the photograph related to the woman?
A. Father
B. Son
C. Husband
D. Brother
E. None of these

Directions: In each question below are given some statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts. [Set of 2 questions]

## 8. Statements:

All bottles are jugs.
All pans are jugs.
Some jugs are not mugs.

## Conclusions:

I. Some bottles are not pans.
II. Some mugs may not be jugs.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. If either conclusion I or conclusion II follows.
9. Statements:

Some printers are scanners.
Some scanners are microphones.
Many microphones are speakers.

## Conclusions:

I. Some printers are speakers.
II. Not a single printer is speaker.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. If either conclusion I or conclusion II follows.
10. If all the letters of the word 'SKILLFULNESS' are arranged in the alphabetical order then the position of how many letters will remain unchanged?
A. None
B. One
C. Two
D. Three
E. More than three

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D | C | A | C | A | B | C | B | E | D |

## Explanations:

1. We have,

| E | N | T | H | U | S | I | A | S | T | I | C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Possible pair of letters in the above word which has as many letters between them as in the English alphabetical series:

| Letters in the word | E | N | T | H |
| :---: | :---: | :---: | :---: | :---: |
| Letters in the alphabetical series | E | F | G | H |


| Letters in the word | N | T | H | U | S | I |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Letters in the alphabetical series | N | M | L | K | J | I |

And,

| Letters in the word | S | T |
| :---: | :---: | :---: |
| Letters in the alphabetical series | S | T |

Here, we can observe that there are only 3 such possible pairs which satisfy the above conditions.
Hence, the correct answer is option D.
2. Using the given information we can create a following figure:

Number of persons between Asha and Anshu = 70-(17 + Asha + Anshu $+10+$ Ashu +12 )
$=70-(17+1+1+10+1+12)=70-42=28$
Thus, there are 28 persons between Asha and Anshu.
Hence, the correct answer is option C.

## 3. We have,

| S | E | Q | U | E | N | T | I | A | L |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Possible pair of letters in the above word which has as many letters between them as in the English alphabetical series:

| Letters in the word | S | E | Q |
| :---: | :---: | :---: | :---: |
| Letters in the alphabetical series | S | R | Q |


| Letters in the word | Q | U | E | N |
| :---: | :---: | :---: | :---: | :---: |
| Letters in the alphabetical series | Q | P | O | N |


| Letters in the word | S | E | Q | U | E | N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Letters in the alphabetical series | S | R | Q | P | O | N |

And,

| Letters in the word | E | N | T | I | A |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Letters in the alphabetical series | E | D | C | B | A |

Here, we can observe that there are only 4 such possible pairs which satisfies the above conditions. Hence, the correct answer is option A.
4. The given word is:

DEPRECIATION

After arranging the letters in alphabetical order:

ACDEEIINOPRT

On comparing both the words:

| D | E | P | R | E | C | I | A | T | I | O | N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | C | D | E | E | I | I | N | O | P | R | T |

Here, the position of two letters ' $A$ ' and ' $I$ ' is unchanged.
Hence, the correct answer is option C.
5. Anand is in southeast direction with respect to the starting point.

Option A, is hence the correct answer.


6. Anand is 20 meters from the starting point. Option B, is hence the correct answer.

7. Person's father = Only son of woman's daughter's grandfather's husband's = Woman's husband. Hence, option C is correct.

## 8. Statements:

All bottles are jugs.
All pans are jugs.
Some jugs are not mugs.

## Conclusions:

I. Some bottles are not pans.
II. Some mugs may not be jugs.

Checking Conclusion I: Some bottles are not pans.

Here, neither S1 nor S2 is a negative statement, a negative conclusion between the classes of 'Bottles' and 'Pans' is not possible. C1, hence, doesn't follow.

Checking Conclusion II: Some mugs may not be jugs.
In S3 it's given that 'Some jugs are not mugs'. Here, we are not sure of the elements of the class 'Mugs'. Clearly, we can say that 'Some mugs may not be jugs'. C2, hence, follows.

Option B is hence the correct answer.

## 9. Statements:

Some printers are scanners.
Some scanners are microphones.
Many microphones are speakers.

## Conclusions:

I. Some printers are speakers.
II. Not a single printer is speaker.

Checking Conclusion I and II together: 'Some printers are speakers' and 'Not a single printer is speaker'
Clearly, all the statements are I type, we can't define a relationship between classes tscanner exist in two different statements.
Similarly, we can't define a relationship between the classes 'printer' and 'speaker' either.

But, C 1 is an I type statement and C2 an E type, and they together form an $\mathrm{E}+1$ combination (Complementary Pair).

Clearly, either C1 or C2 follows.
Hence, option E is correct.
10. The given word is:

## SKILLFULNESS

After arranging the letters in alphabetical order:
EFIKLLLNSSSU

On comparing both the words:

| S | K | I | L | L | F | U | L | N | E | S | S |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| E | F | I | K | L | L | L | N | S | S | S | U |

Here, the positions of three letters $\mathrm{I}, \mathrm{L}$ and S remain unchanged.
Hence, the correct answer is option D.

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