

## Seating Arrangement for IBPS Clerk Pre, SBI Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

SA Set No 164
Directions: Study the following information carefully and answer the questions given beside.
Certain number of persons is standing in a linear row facing towards the north. Information about few of them is given here. $T$ stands third to the left of $G$, who is sixth to the right of $A .7$ persons stand between $B$ and $T$, where $T$ is somewhere to the left of $B$. 3 persons stand between $D$ and $B$, who is second to the left of the one who is fourth from the right end. Only 4 persons stand between $U$ and $C .3$ persons stand to the right of $C$, which is half the number of persons standing to the left of T .

## Questions :

1. If $D$ is to the left of $B$, then how many persons stand between $U$ and $D$ ?
A. 2
B. None
C. 1
D. 7
E. None of these
2. What is the position of $T$ with respect to $U$ ?
A. $2^{\text {nd }}$ to the right
B. $7^{\text {th }}$ to the left
C. $5^{\text {th }}$ to the left
D. $3^{\text {rd }}$ to the left
E. Can't be determined
3. Number of persons between which of the following is same?
I. A-T
II. G-U
III. B-C
A. Only I and II
B. Only II and III
C. Only III
D. Only I
E. None of these
4. If $B$ is towards the left of $D$ then how many persons are to the right of $D$ ?
A. 1
B. None
C. 2
D. 6
E. 4
5. How many persons stand in the row?
A. 17
B. 21
C. 16
D. 20
E. None of these

## Correct Answers:

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

## Common explanation :

## Reference:

3 persons stand to the right of $C$, which is half the number of persons standing to the left of $T$.
T stands third to the left of $G$, who is sixth to the right of $A$.
7 persons stand between $B$ and $T$, where $T$ is somewhere to the left of $B$.

## Inference:

As per first hint, we can say that number of persons to the left of $T$ is 6 .
As per third hint, B is $8^{\text {th }}$ to the right of T .
In the given table, we have left only one place to the right of $B$ just to symbolize that there could be some persons towards the right of $B$. As of now we don't know the number of persons standing between $C$ and $T$, thus we will make a mental note of the hint that C is fourth from right end.

|  |  |  | A |  |  | T |  |  | G |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Reference:

3 persons stand between $D$ and $B$, who is second to the left of the one who is fourth from the right end. Only 4 persons stand between $U$ and $C$.

## Inference:

We know that $C$ is fourth from right end, thus as per first hint $B$ is second to the left of $C$. As per second hint $U$ is fifth to the left of $C$.
Position of $D$ could be $4^{\text {th }}$ to the right of $B$ or $4^{\text {th }}$ to the left of $B$.

|  |  |  |  | A |  |  | T |  |  | G | $\mathrm{D} / \mathrm{U}$ |  |  | B |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Answers:

1. Following the common explanation, we have

If $D$ is to the left of $B$ then no one will stand between $D$ and $U$.

Hence option B is correct.
2. Following the common explanation, we have
$T$ is fifth to the left of $U$.

Hence option C is correct.
3. Following the common explanation, we have

Number of persons between G-U and B-C is same i.e. 1 .

Hence option B is correct.
4. Following the common explanation, we have

If $B$ is to the left of $D$ then only 1 person stands to the right of $D$.
Hence option A is correct.
5. Following common explanation, we have

20 persons stand in the row.

Hence option D is correct.

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