

## Seating Arrangement Questions for IBPS PO Pre, IBPS RRB Scale I Pre, SBI PO Pre, Syndicate Bank PO, Canara Bank PO, IBPS SO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

## Set No 129

Directions: Study the following information carefully and answer the questions given beside:
Six persons - Bala, Siya, Raja, Vani, Pant and Minu were sitting in a straight facing towards north, and each person had a different age and the order of the ages of these persons is shown below:

Vani (109) >Siya (95) > Minu (91) > Pant (118) >Bala (100) >Raja (86)
The numbers shown in the bracket shows the marks obtained by these persons in the IQ test. Each person was born in different city - Pune, Agra, Noida, Ranchi, Patna and Jhansi not necessarily in the same order.

The eldest person was 3rd to the right of the one born in Jhansi.
Siya was 3rd to the left of the one born in Pune.
Number of persons to the left of Siya was equal to the number of persons to the right of the one born in Agra.
Siya was to the immediate left of Minu.
Vani was born in Ranchi.
The person with the highest marks was at one of the extreme end.
The one born in Patna was to the immediate left of the person with the lowest marks. Siya was not neighbouring the person with the lowest marks.

1. The one who scored third highest marks was born in which city?
A. Pune
B. Agra
C. Noida
D. Patna
E. Jhansi
2. How many person(s) scored more marks than the one who was born in Patna?
A. One
B. Two
C. Three
D. Four
E. Five
3. Which of the following persons was sitting at an extreme end?
A. Raja
B. Bala
C. Vani
D. Minu
E. Siya
4. What was the difference of the marks scored by the persons who were born in Noida and Patna?
A. 5
B. 9
C. 11
D. 14
E. 22
5. How many person(s) were there between Bala and the one who was born in Agra?
A. None
B. One
C. Two
D. Three
E. Four

## Correct Answers:

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



## COMMON EXPLANATION:

## Reference:

Six persons - Bala, Siya, Raja, Vani, Pant and Minu were sitting in a straight facing towards north, and each person had a different age and the order of the ages of these persons is shown below:

Vani (109) > Siya (95) > Minu (91) > Pant (118) > Bala (100) > Raja

The numbers shown in the bracket shows the marks obtained by these persons in the IQ test. Each person was born in different city - Pune, Agra, Noida, Ranchi, Patna and Jhansi not necessarily in the same order.

## Inference:

After using the above hints, we have:

| Order of Age | Person | Marks |
| :---: | :---: | :---: |
| Eldest | Vani | 109 |
|  | Siya | 95 |
|  | Minu | 91 |
|  | Pant | 118 |
|  | Raja | 86 |
| Youngest | Bala | 100 |

We will keep the rest of the information in mind while solving the puzzle.

## Reference:

The person with the highest marks was at one of the extreme end.

Number of persons to the left of Siya was equal to the number of persons to the right of the one born in Agra.

Siya was $3^{\text {rd }}$ to the left of the one born in Pune.

## Inference:

We already know that Pant scored highest marks.

Here, we have three possible scenarios in which the above hints can be used accordingly.

## Case 1:



## Case 2:



## Case 3:



## Reference:

Siya was to the immediate left of Minu.
The eldest person was $3^{\text {rd }}$ to the right of the one born in Jhansi.
Vani was born in Ranchi.

Inference:

We already know that Vani is the eldest person.
Here, we have three possible scenarios in which the above hints can be used accordingly.

## Case 1:



Case 2:


Case 3:


## Reference:

The one born in Patna was to the immediate left of the person with the lowest marks.

Siya was not neighbouring the person with the lowest marks.

## Inference:

We already know that Raja scored the lowest marks.

At this point we cannot fix the position of Raja in case 1 and case 3 according to the given hints so we can say that case 1 and case $\mathbf{3}$ are invalid cases.

## Case 2:



At this point we can say that Siya was born in Noida and Bala was born in Patna.

## Case 2:



## Answers :

1. Following the final solution we can say that the one who scored third highest marks was born in Patna. Hence, the correct answer is option D.
2. Following the final solution we can say that two persons scored more marks than the one who was born in Patna.

Hence, the correct answer is option B.
3. Following the final solution we can say that Siya was sitting at an extreme end.

Hence, the correct answer is option $\mathbf{E}$.
4. Following the final solution we can say that the marks scored by the persons who were born in Noida and Patna were 95 and 100 respectively.

Required Difference $=100-95=5$

Hence, the correct answer is option A.
5. Following the final solution we can say that two persons were there between Bala and the one who was born in Agra.

Hence, the correct answer is option C.

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