Friends!
We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज

SOUMYADIP BISWAS
IBPS PO 2023

DHAIRYA GAUR
RRB PO 2023

TIYASA ROY
IBPS CLERK & PO 2023

MD. SHABAN
IBSP PO & CLERK 2023

BHAVANA PADALIYA
IBPS CLERK & PO 2023

KAJOL WADHWANI
IBPS PO & CLERK 2023

ESHU SINGH
SBI PO 2023

SACHIN RAI
IBPS PO & CLERK 2023

SUDHEER JANGID
RRB CLERK 2023

VRINDA AGARWAL
SBI PO 2023

SHREYA MAHENDRA MOON
IBPS PO 2023

ANSH GULATI
IBPS PO & CLERK 2023
SBI PO & RRB CLERK 2023

It's Your Turn Now
Take A Free Mock Test

USE CODE **FEST24** for 10% OFF

Seating Arrangement for SBI PO Mains, IBPS PO Mains and RBI Grade B Exams.

SA Set No 139

Directions: Study the following information carefully and answer the questions given beside.

Ten persons A, B, C, D, E, P, Q, R, S, and T are sitting in a straight line and some of them are facing north while some of them are facing south. The distance between two persons are equal. All the above information is not necessarily in the same order.

The persons sitting at the extreme ends are facing opposite directions. P sits at the extreme end of the line. Two persons sit between P and R. S sits third to the left of R. Number of persons between P and S is same as it is between R and B. B sits fourth to the right of A. Immediate neighbors of S are facing same direction. T and C are immediate neighbors of each other and neither of them faces north nor immediate neighbor of B faces north. E sits second to the left of T. Number of persons sitting between S and D is one less than the number of persons sit between P and R. Persons facing north are not immediate neighbors of each other. C is to the immediate left of P.

1. **How many persons are facing north?**

A. One   B. Two   C.Three   D. Four   E. Can't be determined

2. **Which of the following persons sit third to the left and third to the right of A respectively?**

A. T and Q   B. R and D   C. D and T   D. T and D   E. None of these

3. **Who sits third to the left of B and third to the left of R?**

A. Both A and S   B. Both C and T   C. Only A   D. Only S   E. None of these

4. **Which of the following persons sit(s) between the first person facing north from one end and the first person facing north from the other end of the arrangement?**

A. Only C, T and R   B. Only S and A   C. Only S, Q and D   D. Only Q and D   E. None of these

5. **If T is related to E in some way, Q is related to A in the same way, then who is related to R in the same way?**

A. A   B. S   C. C   D. T   E. None of these

Correct Answers:

1	2	3	4	5
C	D	D	C	C

Common explanation :

References:
The persons sitting at the extreme ends are facing opposite direction.
P sits at the extreme end of the line.
C is to the immediate left of P.

Inferences:
Using the above references, we can start with the following two cases:

Case 1:

South								North	
								C	P

Case 2:

South								North	
P	C								

References:
Two persons sit between P and R.
S sits third to the left of R.
Number of persons between P and S is same as it is between R and B.

Inferences:
From the 2nd reference above, it gets confirmed that R must be facing north in Case 1 and south in Case 2.
There are 5 persons sitting between P and S which confirms B's position at the other extreme end.

Case 1:

South				North			North	
B		S		R		C	P

Case 2:

South		South					North	
P	C	R		S			B

References:
T and C are immediate neighbors of each other neither of them faces north nor immediate neighbor of B faces north.
B sits fourth to the right of A.
Immediate neighbors of S are facing same direction.
Persons facing north are not immediate neighbors of each other.

Inferences:
As per the first hint, the immediate neighbour of B faces South in both the cases.

Case 1:

South	South	South		South	South	North	South	South	North
B			S	A		R	T	C	P

Case 2:
As per the last hint, S faces South, as north facing persons can't be immediate neighbours of each other.

South	South	South	South		North	South	North	South	North
P	C	T	R		A	S			B

Reference:
E sits second to the left of T.

Inference:
This evidently eliminates Case 1, where there is no place to accomodate E as per the condition. And now we can move on with Case 2 where E must be facing south because no two persons facing north can sit together. And following the same logic we can say that S must be facing south as well.

Case 1: (Eliminated)

South		South		South	South	North	South	South	North
B		S		A	R	T	C	P	

Case 2:

South	South	South	South	South	North	South	North	South	North
P	C	T	R	E	A	S			B

Reference:
Number of persons sitting between S and D is one less than the number of persons sit between P and R.

Inference:
Persons sitting between P and R = 2,
Therefore, number of persons sitting between S and D = 1.
Following this, we can place D as in the table below: And Q at the only vacant place.

Case 2:

South	South	South	South	South	North	South	North	South	North
P	C	T	R	E	A	S	Q	D	B

And the chart gets done.

Answers:

1. Following common explanation, we get **"Three persons- A, Q & B".**

Hence, option C is correct.

2. Following common explanation, we get **"T and D".**

Third to left of A is T & Third to the right of A is D.

Hence, option D is correct.

3. Following common explanation, we get **"Only S".**

Third to the left of B is S & Third to left of R is S

Hence, option D is correct.

4. Following common explanation, we get the first person facing north from one end is A and the first person facing north from the other is B and **"Only S, Q and D"** are sitting between these two.

Hence, option C is correct.

5. As T is second to the right of E, Q is second to the right of A, similarly **C** is second to the right of R.

Hence option C is correct.