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Seating arrangement exercise for IBPS PO Pre, IBPS SO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk

SEATING SET NO 73

Directions: Study the following information carefully and answer the questions given below:

Hara, Raga, Daha, Gada, Sada, Yaja, Paya, Waha, Edha, Baba and Taha are eleven persons sitting in a row facing north. Each person likes different flowers. They are Azalea, Camellias, Freesia, Hyacinth, Holy, Crocus, Lilac, Daisy, Orchid, Bergamot and Begonia but not necessarily in the same order.

Gada and Edha are immediate neighbors. The one who likes Azalea and the one who likes Camellias are immediate neighbors. There are as many persons sit between Hara and Waha sits between the one who likes Lilac and the one who likes Bergamot. Waha likes Freesia and sits either fourth from one of the ends. Only two persons sit between Baba and Daha. The one who likes Camellias sits exactly between Paya and Waha. Yaja likes Bergamot and sits at one of the extreme ends. Paya is not an immediate neighbor of the one who likes Bergamot. Daha sits second to the right of the one who likes Camellias. There are as many person sits between Paya and Yaja sits between Hara and Taha. Gada sits second to the left of Sada who likes Daisy. Daha does not like Lilac. The person(s) sitting between the one who likes Hyacinth and the one who likes Crocus is same as the person(s) sitting between the one who likes Crocus and Sada. Edha likes Holly and is not an immediate neighbor of the one who like Orchid or Begonia. Neither Hara nor Taha is an immediate neighbor of the one who likes Freesia.

1. Which of the following person sits exactly in the middle?

- | | | |
|---------|-------------------------|---------|
| A. Paya | B. Edha | C. Gada |
| D. Daha | E. Cannot be determined | |

2. Which of the following flowers is liked by Hara?

- A. Bergamot B. Orchid C. Begonia
D. Hyacinth E. Cannot be determined

3. Which of the following persons like Crocus and Lilac respectively?

- A. Gada and Baba B. Baba and Gada C. Gada and Taha
D. Daha and Raga E. Cannot be determined

4. Which of the following is definitely true?

- A. Only one person sits between the one who likes Holly and the one who likes Daisy
B. Raga sits third to the left of the one who likes Hyacinth
C. Hara likes Orchid and third to the left of Waha
D. Sada is an immediate neighbor of the one who like Begonia
E. None of these

5. Which of the following person sits between Edha and Baba?

- A. Daha B. Gada C. Taha
D. Paya E. None of these

Correct answers:

1	2	3	4	5
B	E	A	E	B

Common Explanation

References:

Waha likes Freesia and sits either fourth from one of the ends.

Yaja likes Bergamot and sits at one of the extreme ends.

The one who likes Camellias sits exactly between Paya and Waha.

Paya is not an immediate neighbor of the one who likes Bergamot.

The one who likes Azalea and the one who likes Camellias are immediate neighbors.

Only two persons sit between Baba and Daha.

Daha sits second to the right of the one who likes Camellias.

There are as many person sits between Paya and Yaja sits between Hara and Taha.

Neither Hara nor Taha is an immediate neighbor of the one who like Freesia.

Inference:

Based on the given hints following cases can be drawn.

Case 1 - When Yaja is at extreme left end.

Here, Paya can't sit second or fourth to Waha's right because then the 7th and 8th hint which states that" Daha sits

second to the right of the one who likes Camellias” and “There are as many person sits between Paya and Yaja sits between Hara and Taha” will contradict with each other. The position of Paya will be **sixth to the right of Waha**.

Flowers	Bergamot			Freesia		Azalea	Camellias	Azalea			
Persons	Yaja	Hara/Taha	(Hara,Taha)-X	Waha	(Hara,Taha)-X	Baba			Daha	Paya	Hara/Taha

Case 1A

When Paya sits left of Waha- This case is **Eliminated** because here positions of Baba and Paya coincide.

Flowers	Bergamot						Camellias	Freesia			
Persons	Yaja					Paya	(Hara,Taha)-X	Waha	Daha (Hara,Taha)-X		

Case 1B

When Paya sits right of Waha – This case is **Eliminated** because here also positions of Baba and Waha coincide.

Flowers	Bergamot							Freesia	Camellias		
Persons	Yaja						Hara,Taha-X	Waha	Hara,Taha-X	Paya	Daha

Case 2 - When Yaja is at extreme right end.

Here Paya can't sit second to the right of Freesia because hints that Daha sits second to the right of Camellias” and “There are as many person sits between Paya and Yaja sits between Hara and Taha.” will contradict with each other.

Therefore **Paya is second to the left of Waha** in case 2.

Flowers		Azalea	Camellias	Freesia							Bergamot
Persons	Hara/Taha	Paya	Hara,Taha-X	Waha	Daha (Hara,Taha)-X			Baba		Hara/Taha	Yaja

Case 2A

Here Paya can't sit second to the left of Waha because then the condition that only two persons are there between Daha and Baba will violate, as the positions of Paya and Baba will coincide.

Neither Paya can sit fourth to the left of Waha because then the hint that Daha sits second to the right of the one who likes Camellias will violate. Positions of Waha and Daha will coincide.

Flowers			Azalea	Camellias	Azalea		Freesia				Bergamot
Persons	Hara/Taha	Paya	Baba			Daha (Hara,Taha)-X	Waha	Hara,Taha-X	Hara/Taha		Yaja

So we'll continue with Case 1, 2 and 2A.

Reference:

There are as many persons sit between Hara and Waha sits between the one who like Lilac and the one who like Bergamot.

Daha does not like Lilac.

Inference:

Case 1

If only 1 person is between Hara and Waha.

Flowers	Bergamot		Lilac	Freesia		Azalea	Camellias	Azalea	Lilac - X		
Persons	Yaja	Hara		Waha		Baba			Daha	Paya	Taha

Case 2

Flowers		Azalea	Camellias	Freesia	Lilac - X			Lilac			Bergamot
Persons	Hara	Paya		Waha	Daha			Baba		Taha	Yaja

Case 2A

Flowers				Azalea	Camellias	Azalea	Lilac - X	Freesia	Lilac		Bergamot
Persons	Taha	Paya		Baba			Daha	Waha		Hara	Yaja

Reference:

Gada and Edha are immediate neighbors .

Gada sits second to the left of Sada who likes Daisy.

The person(s) sitting between the one who likes Hyacinth and the one who likes Crocus is same as the person(s) sitting between the one who likes Crocus and Sada.

Edha likes Holly and is not an immediate neighbor of the one who like Orchid or Begonia.

Inference:

Case 1

Eliminated as 2nd hint is not satisfied.

Flowers	Bergamot		Lilac	Freesia		Azalea	Camellias	Azalea	Lilac - X		
Persons	Yaja	Hara		Waha		Baba			Daha	Paya	Taha

Case 2

It **satisfies** all the given hints in the following way.

Flowers	Orchid/Begonia	Azalea	Camellias	Freesia	Hycanith	Holly	Crocus	Lilac	Daisy	Orchid/Begonia	Bergamot
Persons	Hara	Paya		Waha	Daha	Edha	Gada	Baba	Sada	Taha	Yaja

Case 2A

Eliminated as 2nd hint is not fulfilled.

Flowers				Azalea	Camellias	Azalea	Lilac - X	Freesia	Lilac		Bergamot
Persons	Taha	Paya		Baba			Daha	Waha		Hara	Yaja

Thus the final arrangement can be obtained from case 2 by assigning the only left position to Raga.

Explanations:

1. Following the common explanation, we get "Edha" Sixth from both ends. Thus Edha is exactly in the middle.
Hence, option B is correct
2. Following the common explanation, we get "Cannot be determined".
Hara likes either Orchid/Begonia
Hence, option E is correct.
3. Following the common explanation, we get "Gada-Crocus & Baba-Lilac".
Hence, option A is correct.
4. Following the common explanation, we get "none of these".
Hence, option E is correct.
5. Following the common explanation, it is clearly shown in the table that Gada sits between Edha and Baba.
Hence, option B is correct.



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