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# Seating arrangement questions for IBPS PO pre, IBPS SO pre, IBPS clerk, SBI PO pre and SBI clerk exams.

## SEATING ARRANGEMENT QUIZ 82

**Directions:** Read the given information carefully and answer the questions given beside:

Eight persons Padmesh, Quincy, Rachna, Udvita, Wimal, Xavier, Yatin and Zenith are sitting around a circular table. No two persons have same age. Only the person whose age is in even number is facing inside the circle. All the above information is not necessarily in the same order.

The one whose age is 17 years old sits second to the left of Padmesh. Two persons sit between Padmesh and Quincy. The one who sits immediate right of Quincy is 41 years old. One of the immediate neighbors of Quincy is facing inside. Udvita sits second to the right of Quincy. Three persons sit between the one whose age is 33 years old and the one whose age is 19 years. Quincy's age is neither 33 nor 19. Wimal is an immediate neighbor of Quincy, but not an immediate neighbor of Udvita. Yatin is 22 years old. The one who sits second to the left of Udvita is 25 years old. Padmesh is 7 years younger than Quincy. Neither Yatin nor Wimal is an immediate neighbor of Zenith. Rachna is 3 years younger than Wimal, but not the youngest person in the group. Two persons sit between the one who is the youngest and Udvita.

**1. Who among the following persons is the eldest in the group?**

- A. Wimal                      B. Zenith                      C. Udvita  
D. Either A or C              E. Cannot be determined

**2. Persons in which of the following pairs face outside?**

- A. Padmesh and Quincy    B. Wimal and Udvita        C. Zenith and Xavier  
D. Rachna and Padmesh    E. None of these

**3. How many persons sit between the one who is the oldest and the one who is the youngest in the group?**

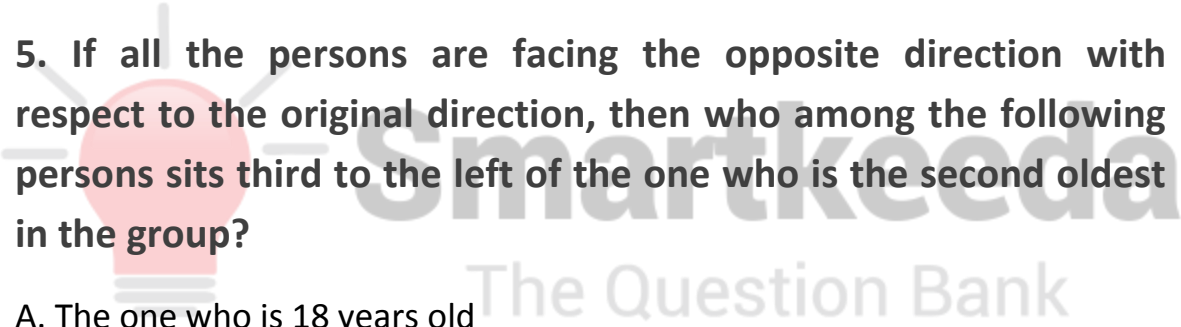
- A. One                                      B. Two                                      C. Three  
D. Either C or B                              E. Cannot be determined

**4. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to the group?**

- A. Quincy-22                                      B. Xavier-41                                      C. Wimal-33  
D. Padmesh-36                                      E. Yatin-25

**5. If all the persons are facing the opposite direction with respect to the original direction, then who among the following persons sits third to the left of the one who is the second oldest in the group?**

- A. The one who is 18 years old  
B. The one who is 17 years old  
C. The one who is 25 years old  
D. The one who is 22 years old  
E. None of these



## Correct answers:

1	2	3	4	5
B	C	C	C	D

## Common Explanation

### References

Only the person whose age is in even number is facing inside the circle.  
The one whose age is 17 years old sits second to the left of Padmesh.  
Two persons sit between Padmesh and Quincy.

### Inferences

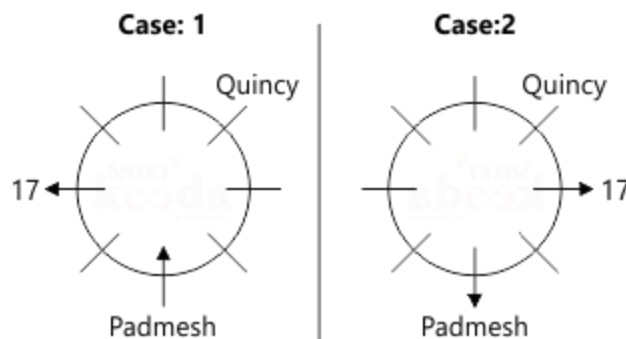
From above statements,

"The person whose age is in even number faces inside the circle and the person whose age is in odd number faces outside the circle." We will use this hint throughout the explanation.

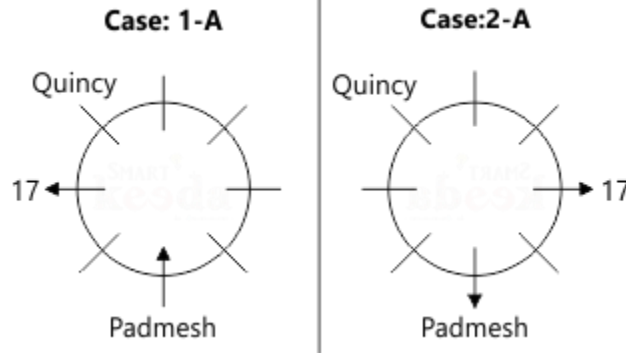
Padmesh age was not known, thus either he faces inside or outside the circle. Thus we get two possibilities.

The one whose age is 17 years old (odd number) faces outside & sits second to the left of Padmesh.

Two persons sit between Padmesh and Quincy. Here we get two more possibilities as shown in figure.







## References

The one who sits immediate right of Quincy is 41 years old.

One of the immediate neighbors of Quincy is facing inside.

Udvita sits second to the right of Quincy.

## Inferences

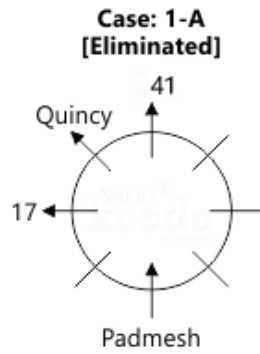
From above statements,

It is clearly understood that in Case: 1-A & 2, one of the immediate neighbors of Quincy is 17 year old person and other one is 41 year old person. Both are facing outside the circle (odd number ages). This violates the given condition. Hence it can be eliminated.

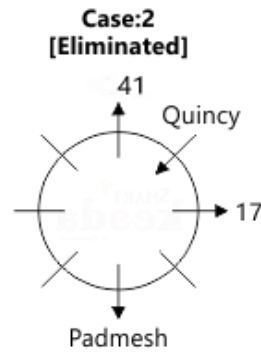
But Case-1 & Case-2-A satisfy the given hints as shown in figure. The age of Quincy is not known. Thus she faces either inside or outside the circle.

The one whose age is 41 years will face outside the circle (odd number).

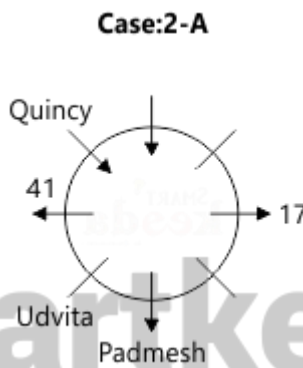
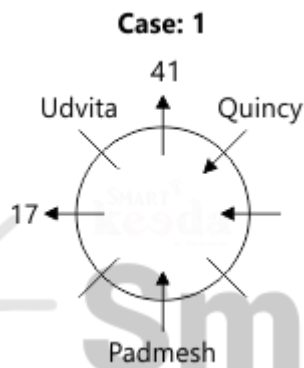
One of the immediate neighbors of Quincy is facing inside. By using this statement the direction of immediate neighbors of Quincy can be determined as shown in figure.



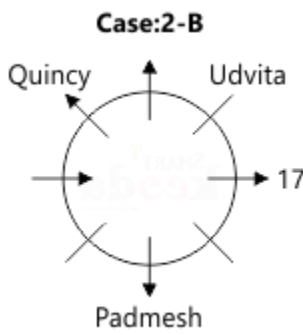
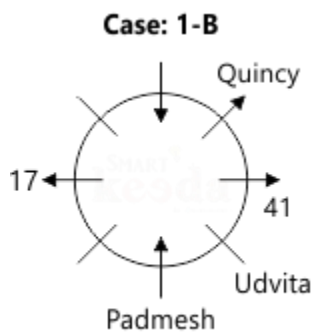
One of the immediate neighbors of Quincy is facing inside.



One of the immediate neighbors of Quincy is facing inside.



Further two more cases namely- case: 1-B and case: 2-B arise.



## References

Quincy's age is neither 33 nor 19.

Wimal is an immediate neighbor of Quincy, but not an immediate neighbor of Udvita.

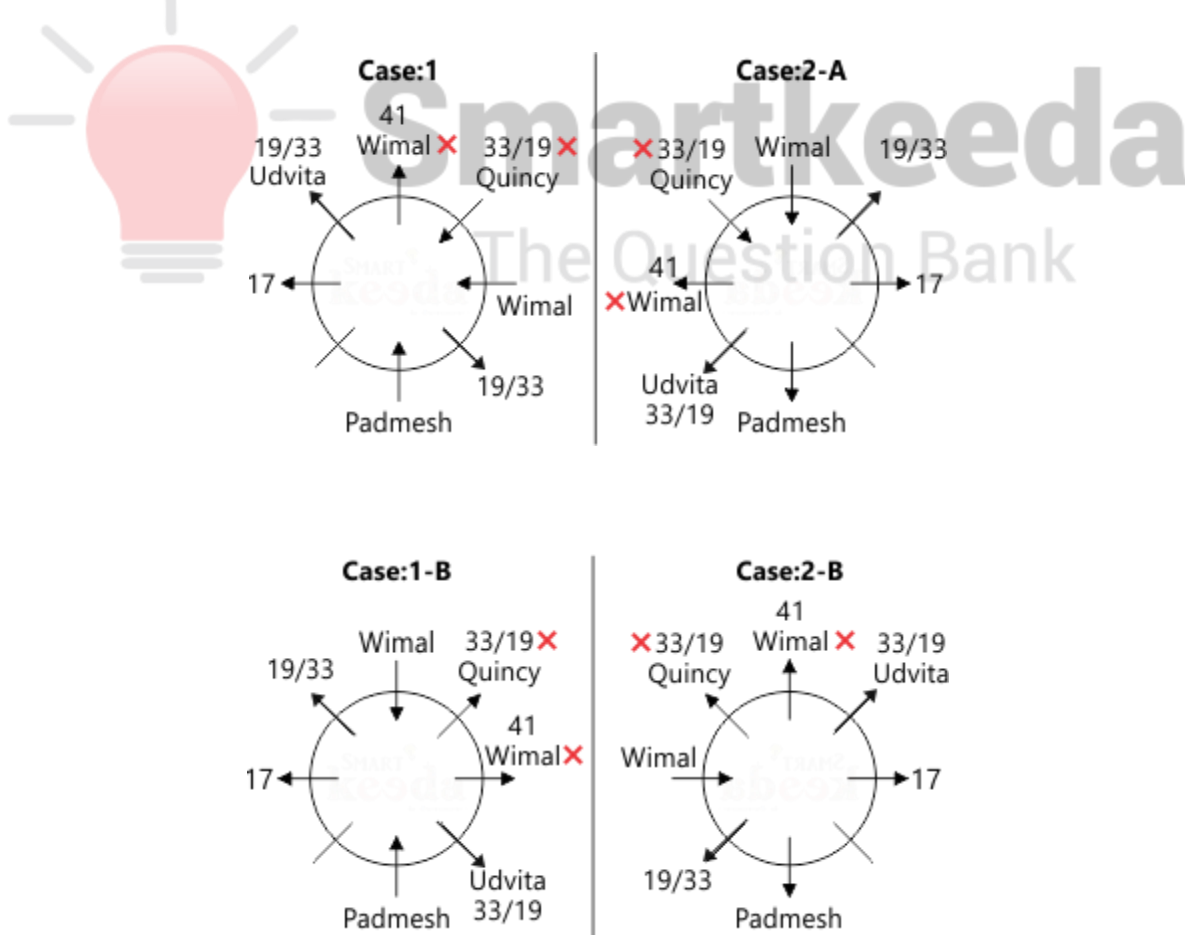
Three persons sit between the one whose age is 33 years old and the one whose age is 19 years.

### Inferences

From above statements,

Three persons sit between the one whose age is 33 years old and the one whose age is 19 years. Here we get only one possibility in each case i.e. the person whose age are 33 and 19 sit opposite to each other and one of them is Udvita.

Thus Udvita and the other person both face outside as both the ages are odd numbers.



## References

Yatin is 22 years old.

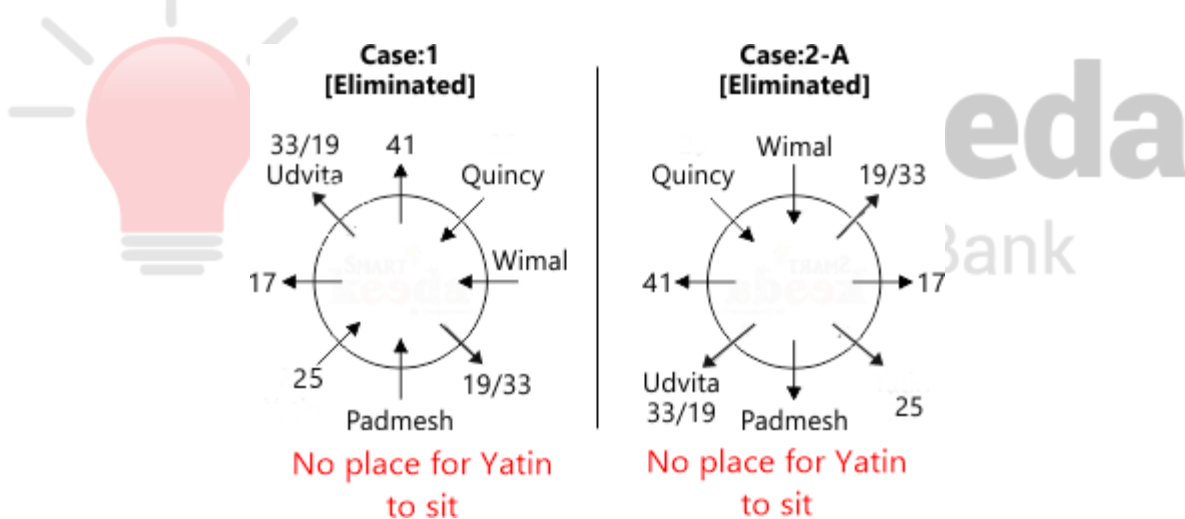
The one who sits second to the left of Udvita is 25 years old.

## Inferences

From above statements,

As we know Yatin is 22 years old and there is no vacant place in the arrangement in cases 1 and 2A.

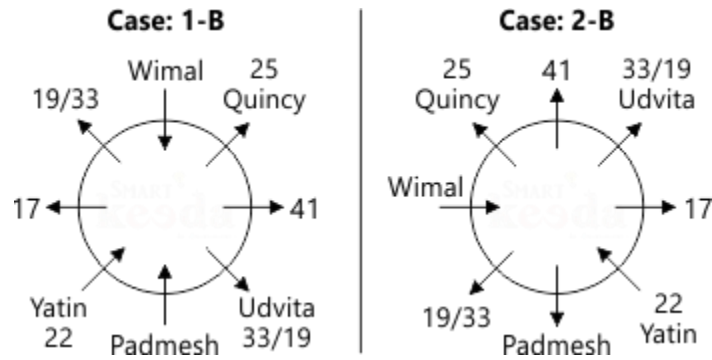
Since, there is no place for Yatin to sit in both case 1 and case 2A, these got eliminated.



In case: 1-B & Case: 2-B. Udvita's second left is Quincy. Thus, Quincy's age is 25 (Odd numbered age & Quincy faces outside in both cases).

The only vacant place is filled by Yatin in both the cases.

By using above statements, we get the following cases,



## References

Padmesh is 7 years younger than Quincy.

Neither Yatin nor Wimal is an immediate neighbor of Zenith.

Rachna is 3 years younger than Wimal, but not the youngest person in the group.

Two persons sit between the one who is the youngest and Udvita.

No two persons have same age.

## Inferences

From above statements,  
 Quincy age = 25 (in both cases)

Given, Padmesh's age = Quincy – 7

Therefore, Padmesh's age = 25 – 7 = 18 years [Even numbered age]

**Thus, Padmesh must face inside the circle. By this Case-2-B gets eliminated.**

**Now only Case-1-B is left to continue.**

Neither Yatin nor Wimal is an immediate neighbor of Zenith. Here, Zenith



sits exactly between Udvita and Quincy & Zenith age is 41 & he faces outside the circle.

Rachna is 3 years younger than Wimal, but not the youngest person in the group. Here, Rachna is not the youngest person i.e. (17 years) in the group. Then the remaining person Xavier is the youngest person in the group.

Therefore, Rachna's age is either 19 or 33.

No two persons have same age.

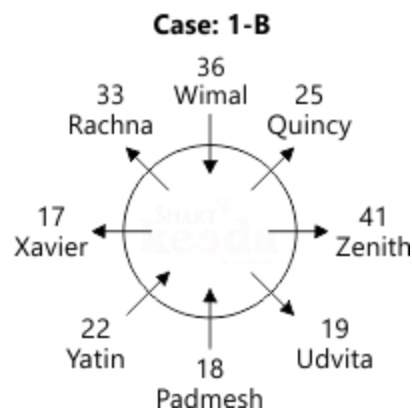
Given, **Rachna = Wimal - 3**. Let us check possibilities. If Rachna = 19, then Wimal = 19 + 3 = 22

(Note: Yatin age = 22 & given, No two persons have same age.). Hence Wimal is not 22 years old.

If Rachna = 33, then Wimal = 33 + 3 = 36 i.e. Wimal age is 36 & he is facing inside the circle.

Therefore, Rachna's age is 33 (odd number) & faces outside the circle and Udvita is 19 years old.

Thus we get the completed seating as shown below,



## Explanations:

1.

The following common explanation, we get "Zenith-41 age-Eldest person of the group".

Hence, option B is correct.

2.

The following common explanation, we get "Zenith-41 age & Xavier-17 age, face outside the circle".

Hence, option C is correct.

3.

The following common explanation, we get "Three persons".

Zenith-41 age & Xavier-17 age (both are opposite to each other).

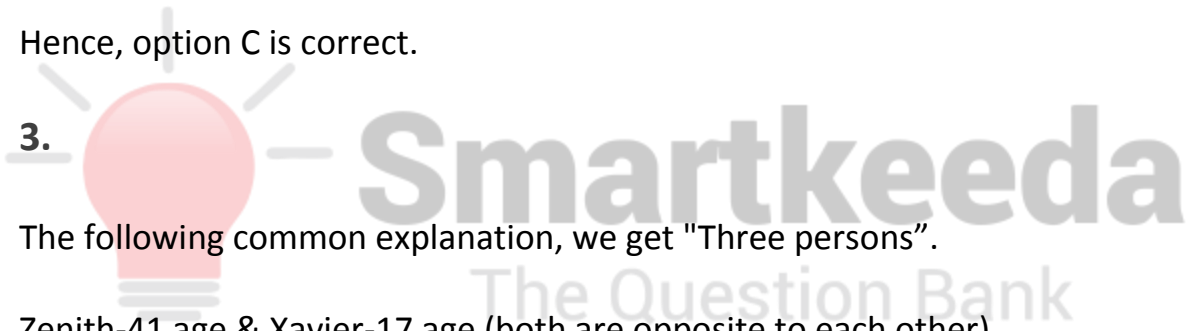
Hence, option C is correct.

4.

The following common explanation, we get "Wimal and the one whose age is 33 are immediate neighbors".

Remaining 4 options consist of persons and the age of persons sitting opposite to them.

Hence, option C is correct.



5.

The following common explanation, we get "The one who is 22 years old".

2nd oldest person-Wimal (age 36 & faces inside initially).

If Wimal faces outside, his 3rd left is Yatin, whose age is 22 years old.

Hence, option D is correct.



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