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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 123

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

Eight persons – Ajay, Bimal, Chander, Dhanush, Erik, Feroz, Gaurav and Harish are sitting around a circular table facing towards the centre. They have different amount of chocolates with them viz. 4, 7, 12, 17, 18, 21, 34 and 36. No two persons have same number of chocolates.

The person opposite to Bimal had 7 chocolates.

Ajay was sitting opposite to the person having 21 chocolates.

Ajay and Bimal were seated at a gap of two.

Harish was sitting third to the left of the one who had 18 chocolates.

Bimal had twice the number of chocolates that Erik had.

Harish and Gaurav were seated at a gap of 1 person.

The difference of the number of chocolates that Ajay and Bimal had was two, where the number of chocolates with Ajay was a perfect square.

Erik and Feroz had consecutive number of chocolates. The number of chocolates that Erik had was a prime number.

Gaurav had thrice the number of chocolates as that with Dhanush, who was sitting to the immediate right of Bimal.

The number of chocolates with Gaurav was opposite of the number of chocolates with Harish. i.e. if Harish has 'mn' number of chocolates, then Gaurav will have 'nm' number of chocolates.

Gaurav had less chocolates than Harish and the number of chocolates with both of them were in double digits.

1. Who among the following has the second least number of chocolates?

- A. Dhanush B. Chander C. Feroz D. Gaurav E. None of these

2. Which of the following combinations is correct?

- A. Gaurav – 21 B. Feroz – 17 C. Dhanush – 4 D. All are correct E. None is correct

3. Ajay has how many chocolates more than the one who sits second to the left of the one having least number of chocolates?

- A. 15 B. 32 C. 29 D. 19 E. None of these

4. Four of the following five are alike in some way and thus form a group. Which is the one that does not belong to the group?

- A. Ajay B. Feroz C. Dhanush D. Bimal E. Harish

5. What is the position of the one who has 18 chocolates with respect to the one who has 12 chocolates?

A. Second to the left

B. Third to the right

C. Sixth from the left

D. Fifth from the right

E. Fourth to the left

Correct Answers:

1	2	3	4	5
B	C	A	E	D



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The Question Bank

COMMON EXPLANATION:

Reference:

Gaurav had thrice the number of chocolates as that with Dhanush, who was sitting to the immediate right of Bimal.

The person opposite to Bimal had 7 chocolates.

The number of chocolates that Erik had was a prime number.

Bimal had twice the number of chocolates that Erik had.

They have different amount of chocolates with them viz. 4, 7, 12, 17, 18, 21, 34 and 36.

Inference:

From the given number of chocolates, prime numbers are 7 and 17 only. But twice of 7 is 14, which is not among the given numbers. Thus the number of chocolates with **Erik is 17**.

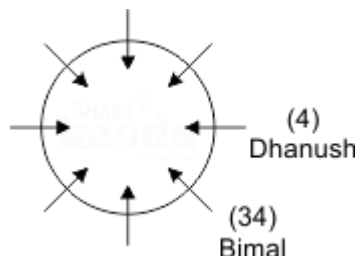
Then as per the fourth hint, number of chocolates with **Bimal would be 34** accordingly.

Then for number of chocolates with Gaurav and Dhanush, as per our first hint there are only two combinations which are 4 – 12 and 7 – 21 among the given set of numbers.

But since we know that the person having 7 chocolates sits opposite to Bimal and Dhanush sits to the immediate right of Bimal, thus Dhanush will be having 4 chocolates.

So, the number of chocolates with **Dhanush is 4** and **Gaurav is 12**.

Persons	No. of Chocolates
Ajay	
Bimal	34
Chander	
Dhanush	4
Erik	17
Feroz	
Gaurav	12
Harish	



Reference:

Ajay was sitting opposite to the person having 21 chocolates.

The difference of the number of chocolates that Ajay and Bimal had was two, where the number of chocolates with Ajay was a perfect square.

Ajay and Bimal were seated at a gap of two.

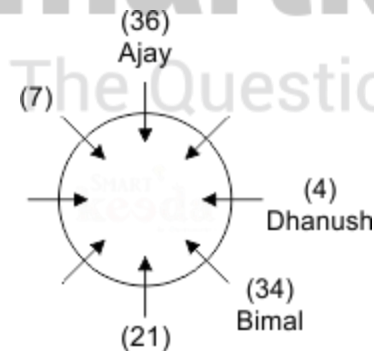
Inference:

The number of chocolates with Bimal is 34, and the difference between Ajay and Bimal's chocolates is 2, thus number of chocolates with **Ajay would be 36** (perfect square of 6).

Persons	No. of Chocolates
Ajay	36
Bimal	34
Chander	
Dhanush	4
Erik	17
Feroz	
Gaurav	12
Harish	



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Reference:

Harish was sitting third to the left of the one who had 18 chocolates.

Harish and Gaurav were seated at a gap of 1 person.

Erik and Feroz had consecutive number of chocolates.

The number of chocolates with Gaurav was opposite of the digits of the number of chocolates with Harish. i.e. if Harish has 'mn' number of chocolates, then Gaurav will have 'nm' number of chocolates.

Harish had more chocolates than Gaurav and the number of chocolates with both of them were in double digits.

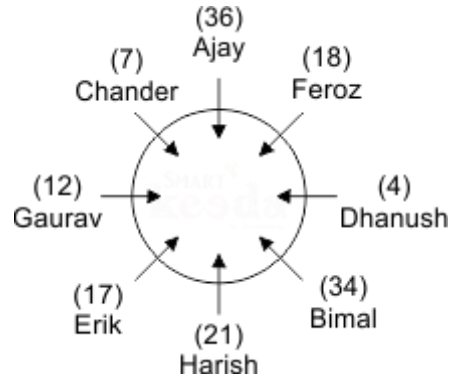
Inference:

We already know that Erik has 17 chocolates, so the number of chocolates with **Feroz is 18** (refer third hint).

Now the numbers left are - 7 and 21 and the persons left are Harish and Chander.

With the fourth hint it is clear that number of chocolates with **Harish is 21** (which is opposite to 12[Gaurav's chocolates] and more than Gaurav)

So **Chander will be having 7 chocolates and sits opposite to Bimal.**



Persons	No. of Chocolates
Ajay	36
Bimal	34
Chander	7
Dhanush	4
Erik	17
Feroz	18
Gaurav	12
Harish	21

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Answers :

1. From the following explanation it is clear that Chander has the second least number of chocolates.
Hence option B is correct.
2. From the following explanation it is clear that "Dhanush – 4" is the correct combination.
Hence option C is correct.
3. The person having least number of chocolates is Dhanush and the person second to his left is Harish having 21 chocolates.
Ajay has 36 chocolates.
Required difference = $36 - 21 \rightarrow 15$.
Thus, Ajay has 15 chocolates more than the one who sits second to the left of one who has the least number of chocolates.
Hence option A is correct.
4. From the following explanation it is clear that the odd one out here is 'Harish' who has an odd number of chocolates.
Rest of the persons have even number of chocolates.
Hence option E is correct.
5. From the following explanation it is clear that the one who has 18 chocolates is fifth to the right of the one who has 12 chocolates.
Hence option D is correct.

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