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Seating Arrangement Questions for IBPS PO PRE, SBI PO PRE, SBI CLERK MAINS & IBPS CLERK MAINS

Set No 35

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

Eight students A, B, C, D, E, F, G and H of class 5th are sitting in a row for getting a photograph clicked. They all are having a card in their pocket with a different number viz. 3, 5, 7, 14, 11, 15, 18 and 20 written on it not necessarily in the same order.

F is sitting third to the right of B, who is having card on which the written no. is half of the no. written on H's card who is sitting second to the left of F. One who is having card on which 5th multiple no. of that number which is written on a card of another student is sitting fifth from the left end of the row. G is immediate neighbour of F. Person having smallest prime no. card is sitting second to the left of one whose card no. if subtracted from the card no. of his immediate right neighbour who is C, the resultant will be equal to the card no. of D. A is having card on which second lowest no. is written and is sitting to the immediate right of one having card on which second highest no. is written. A is second to the right of F and is not sitting at any of the extreme end.

1. Four of the following five are alike in a certain way and thus forms a group. Find the one which does not belong to that group?

- A. D B. B C. C D. A E. G

2. What is the no. written on the card of E?

- A. 5 B. 15 C. 20 D. 3 E. None of these

3. Find the product of card no. of G and the person who is sitting to the immediate left of B?

- A. 100 B. 45 C. 210 D. 54 E. None of these

4. Find the difference between the card number of E and card no. of C?

- A. 9 B. 13 C. 4 D. 7 E. None of these

5. Who is sitting to the immediate left of A?

- A. D B. G C. F D. B E. None of these

Correct Answers:

1	2	3	4	5
E	C	D	A	B

Common Explanations:

Reference:

One who is having card on which 5th multiple no. of that number which is written on a card of another student is sitting fifth from the left end of the row.

Inference:

— — — 15 — — —

There are two multiples of 3 in the given card numbers- one is 15 and another is 18. But only 15 is the 5th multiple of 3. Thus it is shown as below.

Reference:

A is having card on which second lowest no. is written and is sitting to the immediate right of one having card on which second highest no. is written.

Inference:

As, second lowest no. is 5 and 18 is the second highest number, therefore:

$\frac{18}{A} \frac{5}{A}$

Reference:

A is second to the right of F and is not sitting at any of the extreme end.

Inference:

$\frac{18}{F} \frac{5}{A}$

Reference:

F is sitting third to the right of B, who is having card on which the written no. is half of the no. written on H's card who is sitting second to the left of F.

Inference:

7 and 14 are the only two numbers given here which follows the condition as stated above.

$\frac{7}{B} \frac{14}{H} \frac{15}{F} \frac{18}{A} \frac{5}{A}$

Combining image 1 and Image 4:

$$\frac{\quad}{\quad} \frac{7}{B} \frac{14}{H} \frac{\quad}{\quad} \frac{15}{F} \frac{18}{G} \frac{5}{A} \frac{\quad}{\quad}$$

Reference:

G is immediate neighbour of F.

Inference:

$$\frac{\quad}{\quad} \frac{7}{B} \frac{14}{H} \frac{\quad}{\quad} \frac{15}{F} \frac{18}{G} \frac{5}{A} \frac{\quad}{\quad}$$

Reference:

Person having smallest prime no. card is sitting second to the left of one whose card no. if subtracted from the card no. of his immediate right neighbour who is C, the resultant will be equal to the card no. of D.

Inference:

$$\frac{3}{D} \frac{7}{B} \frac{14}{H} \frac{11}{C} \frac{15}{F} \frac{18}{G} \frac{5}{A} \frac{\quad}{\quad}$$

Final Image:

$$\frac{3}{D} \frac{7}{B} \frac{14}{H} \frac{11}{C} \frac{15}{F} \frac{18}{G} \frac{5}{A} \frac{20}{E}$$

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Answers :

1. Following the common explanation we get
All of the given persons have card on which a prime no. is written except G, who is having card no. 18.
Option E, is hence the correct answer.
2. Following the common explanation we get
"20" is written on E's card.
Option C, is hence the correct answer.
3. Following the common explanation we get
Card no. of G is 18 and the card no. of D, who is sitting to the immediate left of B is 3, hence
Product = $3 \times 18 = 54$
Option D, is hence the correct answer.

4. Following the common explanation we get
Card no. of E is 20 and card no. of C is 11, therefore the difference is 9.
Option A, is hence the correct answer.
5. Following the common explanation we get
G is sitting to the immediate left of A.
Option B, is hence the correct answer.



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