





Mahendra's



RBI GRADE B & ASSISTANT

Reasoning Ability

ORDER AND RANKING



LIVE

10:30 AM



UPCOMING ONLINE BATCHES

January 2022

05 Jan 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

BILINGUAL

12 Jan 2022

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

19 Jan 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

SSC ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

27 Jan 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL





Nabanita De 16 hours ago

H.W-1.Facing inside-D-facebook,A-Tumblr, E-telegram.facing outside-F-instagra

  [REPLY](#)



Sarita 13 hours ago

Homework answer

1. Question= tirangal arrengment

Inside = D (Facebook) , A (Tumblr),E (telegram)

Outside = C (what's app), F (Instagram) ,B (Twitter)...

[Read more](#)

  [REPLY](#)



debasish chakraborty 14 hours ago

HOMEWORK 1 -

INSIDE - D (FACEBOOK) A (TUMBLR) E (TELEGRAM)

OUTSIDE - F (INSTAGRAM) B (TWITTER) C (WHATSAPP)

...

[Read more](#)

  [REPLY](#)



Simpal Kumari 11 hours ago


Homework ans:-

Inside=D(Facebook), A(Tumblr), E(Telegram)

Outside=C(whatsApp), T(Instagram), B(Twitter)

Q. 2) Question=circular...

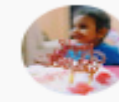
[Read more](#)

  [REPLY](#)



shubham vishwakarma 22 hours ago

B (outside) - Twitter, C(outside) - whatsapp, F(outside) - Instagram



punit pandey 22 hours ago


Hw 1 ka centre facing hoga:

D- Facebook, A- Tumblr, E- Telegram

Outside facing hoga:


F- Instagram, B- Twitter, C- WhatsApp...

[Read more](#)

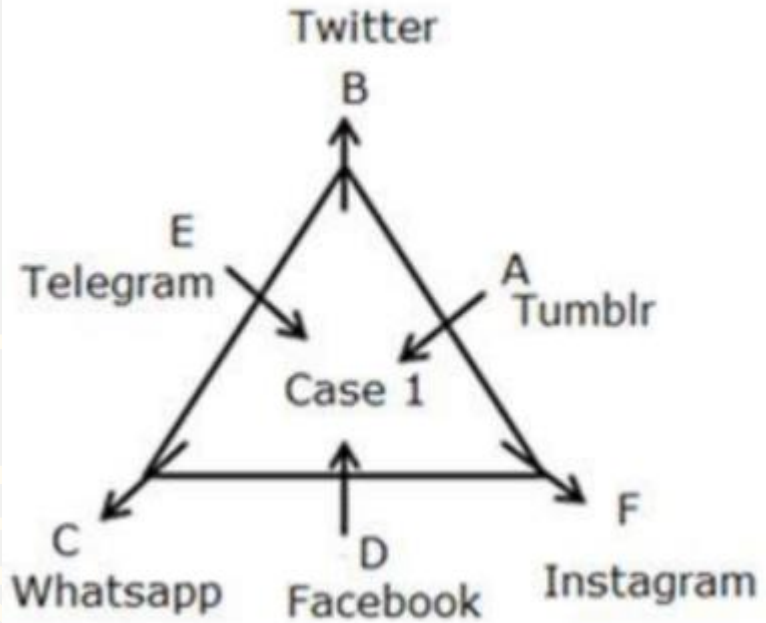
  [REPLY](#)

छह व्यक्ति A, B, C, D, E और F एक त्रिभुजाकार मेज पर इस प्रकार बैठे हैं कि उनमें से तीन मेज के कोनों पर बैठे हैं। मेज और तीन प्रत्येक भुजा के मध्य में बैठे हैं। कोनों पर बैठे व्यक्तियों का मुख बाहर की ओर है केंद्र और भुजाओं के मध्य में बैठे व्यक्तियों का मुख मेज के केंद्र की ओर है। प्रत्येक व्यक्ति अलग-अलग सोशल नेटवर्क पसंद करता है जैसे - इंस्टाग्राम, टेलीग्राम, ट्विटर, फेसबुक, टम्बलर और व्हाट्सएप। सभी सूचनाओं का एक ही क्रम में होना आवश्यक नहीं है। E को टेलीग्राम पसंद है और वह टम्बलर पसंद करने वाले के दायें से दूसरे स्थान पर बैठा है। D का मुख केंद्र के विपरीत नहीं है। सी बैठता है फेसबुक पसंद करने वाले व्यक्ति के ठीक बाएं। B और D निकटतम पड़ोसी नहीं हैं। वह जो इंस्टाग्राम पसंद करता है B के दायें से दूसरे स्थान पर बैठा है। F को फेसबुक पसंद नहीं है। Facebook पसंद करने वाले व्यक्ति और के बीच दो व्यक्ति बैठे हैं जिसे ट्विटर पसंद है। A और Whatsapp पसंद करने वाले व्यक्ति के मध्य दो व्यक्ति बैठे हैं। ट्विटर पसंद करने वाला बैठा है व्हाट्सएप पसंद करने वाले व्यक्ति के दायें से दूसरा।

Six persons A, B, C, D, E and F are sitting in a triangular table, such that three of them sitting at the corners of the table and three are sitting at middle of the each side. The persons who are sitting at the corners are facing outside the centre and the persons who are sitting at middle of the sides are facing the centre of the table. Each person likes different social network namely – Instagram, Telegram, Twitter, Facebook, Tumblr and Whatsapp. All the information is not necessary to be in the same order. E likes Telegram and sits second to right of the one who like Tumblr. D doesn't faces opposite to the center. C sits immediate left of the one who like Facebook. B and D are not immediate neighbors. The one who like Instagram sits Second to the right of B. F doesn't like Facebook. Two people sit between the one who like Facebook and the one who like Twitter. Two People sits between A and the one who like Whatsapp. The one who likes Twitter sits second to the right of the one who like Whatsapp.



Six persons A, B, C, D, E and F are sitting in a triangular table, such that three of them sitting at the corners of the table and three are sitting at middle of the each side. The persons who are sitting at the corners are facing outside the centre and the persons who are sitting at middle of the sides are facing the centre of the table. Each person likes different social network namely – Instagram, Telegram, Twitter, Facebook, Tumblr and Whatsapp. All the information is not necessary to be in the same order. E likes Telegram and sits second to right of the one who like Tumblr. D doesn't faces opposite to the center. C sits immediate left of the one who like Facebook. B and D are not immediate neighbors. The one who like Instagram sits Second to the right of B. F doesn't like Facebook. Two people sit between the one who like Facebook and the one who like Twitter. Two People sits between A and the one who like Whatsapp. The one who likes Twitter sits second to the right of the one who like Whatsapp.

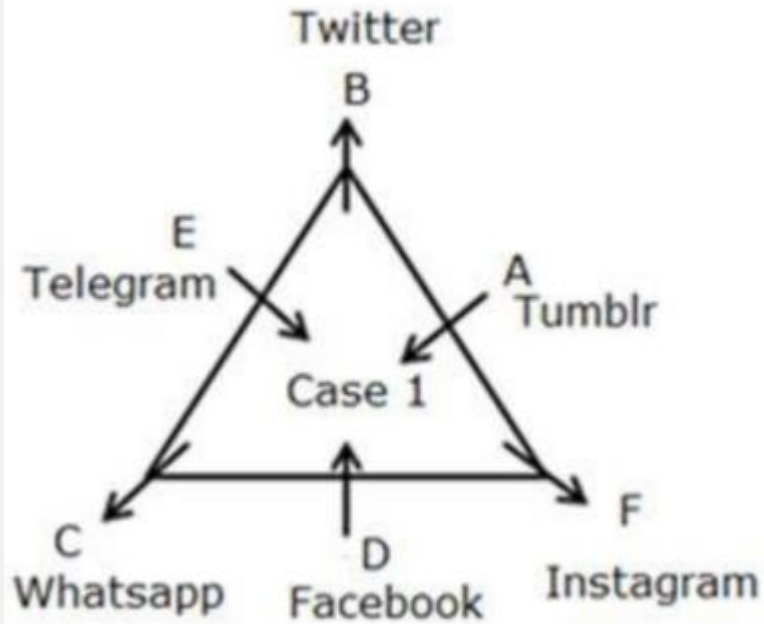


How many persons sit between the one who works in company R and the one who works in company S, when counted from left of G?

- A.4
- B.2
- C.5
- D.3
- E.None of these

If I is related to Z, M is related to R, in the same way J is related to which of the following?

- A.R
- B.P
- C.S
- D.Q
- E.None of these



Which of the following statement is true?

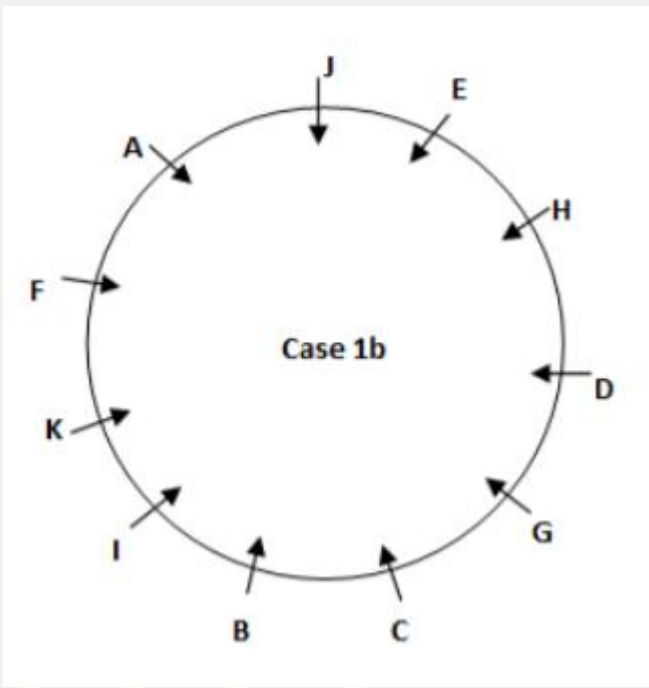
- A. Three persons sit between J and the one who works in company P
- B. I sits immediate right of the one who works in company S
- C. H and the one who works in company R are not immediate neighbours
- D. I sits fourth to the right of the one who works in company Z
- E. None is true

Four of the following five are like in a certain way based on the above arrangement. Find which one does not belongs to the group?

- A. M-T
- B. L-W
- C. N-R
- D. I-Q
- E. G-P

Eleven persons A, B, C, D, E, F, G, H, I, J and K sits in the circle and facing the centre but not necessarily in the same order. D sits third to the right of B and three persons sit between D and I. A does not sits near to I. K sits second to the right of A and K does not sit near to D. Three persons sit between I and J. C sits third to the right of K. E is not the immediate neighbour of A and D. G sits second to the left of H.

ग्यारह व्यक्ति A, B, C, D, E, F, G, H, I, J और K वृत्त में बैठे हैं और केंद्र की ओर उन्मुख हैं लेकिन आवश्यक नहीं इसी क्रम में हों। D, B के दायें से तीसरे स्थान पर बैठा है और तीन व्यक्ति D और I के बीच में बैठे हैं। A, I के निकट नहीं बैठा है। K, A के दायें से दूसरे स्थान पर बैठा है और K, D के निकट नहीं बैठा है। I और J के बीच तीन व्यक्ति बैठे हैं। C, K के दायें से तीसरे स्थान पर बैठा है। E, A और D का निकटतम पड़ोसी नहीं है। G, H के बायें से दूसरे स्थान पर बैठा है।



Who sits second to the left of J? a) F b) A c) H d) K e) D

How many persons sit between A and G when counted from left of A? a) Four b) Three c) Five d) Two e) None

Who sits second to the right of the person who sits third to the left of H? a) G b) C c) E d) D e) I

When we arrange all the persons in alphabetical order starting from A in clockwise direction (excluding A) then the position of how many persons does not change? a) Two b) One c) Four d) Three e) None

Who sits fourth to the right of F? a) C b) G c) A d) B e) D

30



ORDER AND RANKING

BASIC CONCEPT



ORDER AND RANKING

BASIC CONCEPT



ORDER AND RANKING

Concepts Regarding the Order and Ranking Topic

Case 1

Finding the total number of people when the ranks of one person are given

Total number of people = $R_1 + R_2 - 1$

Here R_1 and R_2 represent the rank of a person from both sides.

एक व्यक्ति के रैंक दिए जाने पर लोगों की कुल संख्या का पता लगाना

लोगों की कुल संख्या = $R_1 + R_2 - 1$

यहां R_1 और R_2 दोनों पक्षों के व्यक्ति के रैंक का प्रतिनिधित्व करते हैं।

ORDER AND RANKING

Ex: In a row, the position of Aman is 28th from the left side while the position from the right-hand side of the row is 33rd. How many total numbers of people are there in the row?

Ex: एक पंक्ति में, अमन की स्थिति बाईं ओर से 28 वीं है जबकि पंक्ति के दाईं ओर से स्थिति 33 वीं है। पंक्ति में कुल कितने लोग हैं?

ORDER AND RANKING

BASIC CONCEPT

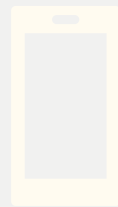


ORDER AND RANKING**BASIC CONCEPT**

1) **Not overlapping case: When total number of students $>$ (left position of one person + right position of another person)**

Total number of persons = (Sum of positions of two different persons from both sides) + number of persons between two persons OR

Number of persons between two persons = Total number of persons - (Sum of positions of two different persons from both sides)



ORDER AND RANKING

Overlapping case: Number of students < Right position of a person + Left position of another person)

Example: There 46 people in a row. Raj is 26th person from the right side of the row. Rohan is a 32nd person from the left side of the row. Find out the total number of people sitting between these two.

उदाहरण: एक पंक्ति में 46 लोग हैं। राज पंक्ति के दाईं ओर से 26 वें व्यक्ति हैं। रोहन पंक्ति के बाईं ओर से 32 वां व्यक्ति है। इन दोनों के बीच बैठे लोगों की कुल संख्या ज्ञात कीजिए।

ORDER AND RANKING

BASIC CONCEPT



ORDER AND RANKING

BASIC CONCEPT

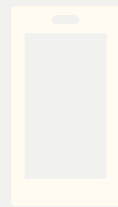
2) Overlapping case: When (left position of one person+ right position of another person) > Total number of students

Total number of persons = $(R1+R2) - (\text{number of persons between two persons}+2)$ OR

Number of Persons between two different persons = (Sum of positions of two different persons from both sides) -Total no. of Persons -2

ORDER AND RANKING**BASIC CONCEPT**

To find the total number of persons in a row, when ranks of two persons and number of the persons who are sitting between these two persons are given.



ORDER AND RANKING**No Overlapping Case-**

Smaller rank -4 < Person between two persons

Formula

Left rank + Right rank + Person between two persons

ORDER AND RANKING**Overlapping Case-**

Smaller rank -4 > or = Person between two persons

Formula

Maximum total = Left rank + Right rank + Person between two persons

Minimum total = [(Left rank + Right rank) - Person between two persons]

ORDER AND RANKING

If

Maximum totalSimple case: $(R1+R2) + \text{mid no}$ Smaller rank - mid no ≥ 2 **Minimum total**Overlap case: $(R1+R2) - (\text{Mid}+2)$ Smaller rank - mid no ≤ 2 **Maximum total**

Only simple case

 $(R1+R2) + \text{mid no}$

ORDER AND RANKING

In a row X is 14th from right and 19th from left. Then what is total no?

एक पंक्ति में X दाईं ओर से 14 वें और बाएँ से 19 वें स्थान पर है। फिर कुल संख्या क्या है?

- (1) 21
- (2) 32
- (3) 10
- (4) 24
- (5) None of these

ORDER AND RANKING

Rahul is fourteenth from the right end in a row of 40 boys. What is his position from the left end?

राहुल 40 लड़कों की पंक्ति में दाहिने छोर से चौदहवें स्थान पर है। बाएं छोर से उसकी स्थिति क्या है?

- (1) 24th
- (2) 25th
- (3) 26th
- (4) 27th
- (5) None of these

ORDER AND RANKING

In a row of 35 students. Amar is 15th from right and Riya is 12th from left. How many students are there between Riya and Amar?

35 छात्रों की एक पंक्ति में। अमर दाएं से 15 वें और रिया बाएं से 12 वें स्थान पर है। रिया और अमर के बीच कितने छात्र हैं?

- (1) 21
- (2) 13
- (3) 10
- (4) 8
- (5) None of these

ORDER AND RANKING

In a row of 25 students. X is 19th from right and Y is 21st from left. How many students are there between X and Y?

25 छात्रों की एक पंक्ति में। X दाएं से 19 वें और Y बाएं से 21 वें हैं। X और Y के बीच कितने छात्र हैं?

- (1) 21
- (2) 13
- (3) 10
- (4) 6
- (5) None of these

ORDER AND RANKING

In a row A is 12th from left and B is 16th from right and there are 5 members between A & B then what is total no?

एक पंक्ति में A बाईं ओर से 12 वीं और B दाईं ओर से 16 वीं है और A & B के बीच 5 सदस्य हैं फिर कुल संख्या क्या है?

- (1) 33
- (2) 21
- (3) 10
- (4) Either 33 or 21
- (5) None of these

ORDER AND RANKING

In a row of 35 students. X is 5th from left and Y is 9th from right. Z is exactly mid of X & Y. What is the rank of Z from right end?

35 छात्रों की एक पंक्ति में। X बाएं से 5 वें और Y दाएं से 9 वें स्थान पर है। Z, X & Y के बिल्कुल मध्य में है। Z का दाएं छोर से क्या रैंक है?

- (1) 5
- (2) 21
- (3) 10
- (4) 20
- (5) None of these

ORDER AND RANKING

. In a row of 35 students. X is 29th from right and Y is 27th from left and Z is exactly mid of X & Y. What is the rank of Z from left end?

35 छात्रों की एक पंक्ति में। X दाईं ओर से 29 वें और Y बाएं से 27 वें और Z, X & Y के ठीक मध्य में है। बाएं छोर से Z की रैंक क्या है?

- (1) 17
- (2) 21
- (3) 10
- (4) 20
- (5) None of these

