

Matrix based

1. Eight persons A, B, C, D, E, F, G and H belonging to different cities viz Delhi, J & K, MP, Kerala, AP, Odisha, Rajasthan and Tamilnadu, but not necessarily in the same order, went to Hyderabad to attend an Education programme .Each had a different specialisation, viz Literature, Science, Presentation, Advertisement, Designing, Information Technology, Drawing and Writing, but not necessarily in the same order. E is from AP.

G does not have specialisation in Literature or Science.

C is from MP and he has specialisation in Designing.

Neither F nor G has specialisation in Advertisement or Information Technology.

One who is from AP has specialisation in Drawing.

A and B have specialisation either in Information Technology or in Writing.

D does not have specialisation in Advertisement and F does not have specialisation in Science.

One who is from Tamilnadu has specialisation in Literature

One who is from Kerala has specialisation in Science.

G and H belong either to Rajasthan or to Odisha.

A and G do not belong to J & K and Rajasthan respectively.

One who belongs to Delhi has specialisation in Writing.

The person with specialisation in Information Technology comes from which of the following city?____

ABC DEF GH	Del JK MP Ker AP Odi Rj TN	Lit Sci Pre Advt Des IT Draw Wr
Name	State	Subject
Е	AP	Draw
G	R/O xRg	xA xIT xL xS
С	MP	Des
F		xA xIT xSci
Α	xJ&K	IT/W
В		W/IT
Н	R/O	
		xA

Lit > TN; Sci > Ker; Delhi > Writing

E	AP	Draw
G	Raj	Presentation
С	MP	Des
F	TN	Lit
Α	Del	Wri
В	J&K	W/IT
Н	Raj	Advt
D	Ker	Sci



2. There are six boys P, Q, R, S, T and U. They want to go out with six girls A, B, C, D, E and F, not necessarily in the same order. The pairs went to different cities Delhi, Mumbai, Kolkata, Chennai and two of them went to Jaipur. They like different bikes viz KTM, Bullet, Pulsar and Apache. But KTM and Bullet are preferred by two pairs.

P and S visit Jaipur but do not like either KTM or Apache.

U does not go out with E, both of them do not like Pulsar.

D and C wants to go to Delhi and Kolkata respectively.

The persons visiting Mumbai like the same bike as Q does.

R goes out with F to Mumbai but does not like either Bullet or Apache.

Q goes to Delhi.

T does not go out either with A or B; he does not go to Kolkata; he likes neither Pulsar nor Bullet.

P doesn't like to travel with B and not via Pulsar.

S travels with whom on which bike ____, ___,

P Q R S T U	A B C D E F	Del Mum Ch Kol Jai Jai	KTM KTM Apa Pul Bull Bull
Boy	Girl	City	Bike
Р	хВ	Jaipur	xKTM xApa xPulsar
S		Jaipur	xKTM xApa
R	F	Mumbai	xBullet xApa Y
Q	D	Delhi	xBullet xApa Y
Т	xA, xB	xKol	xPul xBull

C = kolkatta, Q=Mumbai = bike, UxE not pulsur

Р	A xB	Jaipur	Bullet xKTM xApa xPulsar
S	В	Jaipur	Pulsar xKTM xApa
R	F	Mumbai	KTM xBullet, xApa
Q	D	Delhi	KTM xBullet, xApa
Т	E xA, xB	Cennai xKol	Apa xPul xBull
U	С	Kol	Bullet xPul



3. There are eight persons namely A, B, C, D, E, F, G and H has born in the same month of different year i.e. 1969, 1972, 1978, 1981, 1989, 1997, 2000 and 2005.

Their age are considered as on the same month of 2017.

G is born in even number year, but not born in the year, which does not divisible by 4.

A is 36 years old now.

B is 17 year older than F, who is 8 years younger than A.

There are eight years gap between age of E and age of D.

H is nine year younger than C, but not born in 2005.

E was born earlier than G.

Who amongst the following was born in 2000?

2017 G = multiple4 A = 36 (1981) A - F = 8 B - F = 17 E / D = 8 C - H = 9 H x 2005 E > G

Year	Name	Name
69		
72		
78		
81		
89		
97		
00		
05		

Name	Year	Name
С	69	
В	72	В
Н	78	G
Α	81	Α
F	89	F
E/D	97	E/D
G	00	
E/D	05	E/D

Name	Year	Х
С	69	
В	72	В
Н	78	G
Α	81	Α
F	89	F
E	97	E/D
G	00	
D	05	E/D



4. Seven friends A, B, C, D, E, F and G appear for CET exam on different dates in December viz 5th, 6th, 12th, 13th, 19th, 25th and 26th but not necessarily in the same order. Each of them belongs to a different cities viz Delhi, Mumbai, Chennai, Hyderabad, Ranchi, Amritsar and Kolkata but not necessarily in the same order.

The one who belongs to Delhi appears in the exam on 25th Feb.

G belongs to Mumbai and appears in the exam on 12th Feb.

B appears in the exam immediately before E.

B does not appear in the exam on a day after G.

The one who belongs to Kolkata does not appear in the exam on or before 19th Feb.

The one who belongs to Chennai appears in the exam immediately after C.

E does not belong to Ranchi.

The one who belongs to Amritsar does not appear in the exam immediately before or after G.

F does not appear in the exam on 26th Feb nor does he belong to Chennai.

D appears in the exam on a day before A.

Find the odd man out among - B G C D F?

25 = Delhi G = Mumbai =12 B E B > G Kol = 25, 26 C Chennai E not ranchi Asr xnear G F x26 xChennai D > A

Date	Friend	City	Friend	City
5				
6				
12				
13				
19				
25				
26				

Date	Friend	City
5	В	Asr
6	E	Hyd xRanchi
12	G	Mumbai
13	С	Ranchi
19	D xF	Chennai
25	F	Delhi
26	A xF	Kolkatta



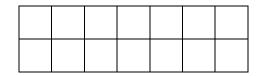
Linear Straight line

Seven persons A, B, C, D, E, F and G are sitting in a straight line facing north.

- (a) Only two persons sit between F and G and G sits second to the left of B.
- (b) E sits exactly between G and B and B sits at the extreme end of the row.
- (c) D sits third to the left of C.

Who sits on left corner = _____

F	_G/GI	F
G_	B(L)	
GE	B(end)	
\mathbf{D}_{-}	_ C(L)	



Step 1	:			
		or		
	CEB		<u> </u>	

Step 2:

GEB

Step 3:

F GEB

Step 4:

DF CGEB

Step 5:

DFACGEB



- 5. A, B, C, D, E, F, G, H and K are sitting in a straight line but not facing south. Three of them are not males.
 - a) Two females sit adjacent of each other.
 - b) B is fourth to the left of G, who is second to the right of C, who is not the immediate neighbour of A.
 - c) F is fourth to the right of C and is second to the left of K.
 - d) D is not an immediate neighbour of either K or B. D is not a male.
 - e) One of the persons sitting on the extreme ends is a female.
 - f) E is not an immediate neighbour of either G or F.
 - g) No female is an immediate neighbour of F.
 - h) H does not sit second to the left of A.
 - i) The immediate neighbours of D are male.

Gender of B = _____

 $\begin{array}{lll} \text{3 female} & \text{DK x DB x} \\ \text{FF pair} & \text{D female} \\ \text{B}___G(L) & \text{One corner female} \\ \text{(R) C}_G & \text{EG x EFx} \\ \text{CA x} & \text{F neighbor male} \\ \text{(R)C---F} & \text{H}_A \text{(L) x} \\ \text{F}-K \text{(L)} & \text{D neighbor male} \\ \end{array}$

Name					
Gender					

В	Е	С	D	G	Α	F	Н	K
	xA xD		xA xE		xE xfem		xE xfem	
Fem	Fem	М	Female	М	Male	М	М	М



- 6. Some friends are sitting in straight line not all facing north.(1) M sits fourth to the right of R, who faces south.(2) R sits at one of the extreme ends.

- (3) Both the immediate neighbours of M faces north.
- (4) P sits third to the right of M.(5) Both P and M face same direction.
- (6) Only one person sits between P and O.
- (7) O sits third to the right of S.(8) T sits to the immediate left of O.
- (9) N doesnt face north.
- (10) T faces the same direction of Q.(11) N doesnt sit at any extreme ends.

Direction of P is:

R corner	(r) S O
$M _ _ R \downarrow (R)$	TO(I)
M neigh ↑	N = south
(r) M P	T=Q dir
P=M dir	N not corner

P_O/O_P

R↓L

L↑R

Р	Т	0	М	Q	S	N	R
S	N	Ν	S	Ν	S	S	S

١	١	S		М	0	хT	Р	R
		N	N	N	N			S



- 7. More than six friends are seated in line facing South while some are facing North.
- (1) Tim faces south. Only three people sit to the left of Tim.
- (2) Only two people sit between Tim and Queen who likes Pear and Banana respectively.
- (3) Uber and sits third to the right of Watson.
- (4) Watson likes apple is an immediate neighbour of neither Tim nor Queen.
- (5) Watson does not sit at any of the extreme ends of the line.
- (6) Both the immediate neighbours of Smith face north and like banana and orange.
- (7) Smith is not an immediate neighbour of Watson.
- (8) Only one person sits between Smith and Prince and none of them like kiwi.
- (9) Prince likes mango and faces the same direction as Watson, who is opposite direction of Vivian.
- (10) The immediate neighbours of Queen face opposite directions (ie if one neighbour faces north then the other faces south and vice versa) and one of the neighbour like strawberry.
- (11) Persons sitting at extreme ends face opposite directions.
- (12) Ricky likes pineapple and faces a direction opposite that of Smith.

Position, Fruit of Vivian: _____, ____,

 $\mathsf{R}\downarrow\mathsf{L}$

L↑R

T↓ T↓ TQ T =Pear Q = Banana U W(r) W = apple		WTx WQx WSx W not corner S neigh ↑ Ban & Org S _ P / P _ S; xKiwi P = mango			P = W dir same W, V opp dir Q neigh opp dire Q neigh strawberry Corner opp direction R = pineapp R dir opp S		

xW		xW	xW		xWxS		xWxS
Р	Q	S	U	Т	R	W	V
Mng	Banana	Straw	Org	Pear	Pine	Apple	Kiwi
S	N	N	N	S	S	S	N



Blood Relationship puzzles

A is the father of C, but C is not his son.

E is the daughter of C.

F is the spouse of A.

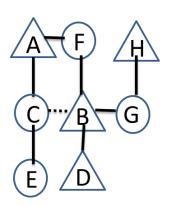
B is the brother of C.

D is the son of B.

G is the spouse of B.

H is the father of G.

Who is the grandfather of D?

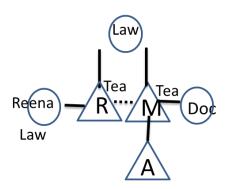




Study the following information to answer the given questions.

- i. In a family of 6 persons, there are two couples.
- ii. The lawyer is the head of the family and has only two sons- Mukesh and Rakesh- both Teachers.
- iii. Mrs. Reena and her mother-in-law both are lawyers.
- iv. Mukesh's wife is a doctor and they have a son Ajay.

Profession of Rakesh's wife: ____

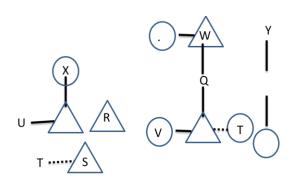




8. In a family of ten persons – P, Q, R, S, T, U, V, W, X and Y – there are five males and five females. All the persons have either their favourite hobby or professions viz. Cooking, Reading, Painting, Gardening, Dancing, Singing, Cricket, Football, Teacher and Doctor. There are four married couples.

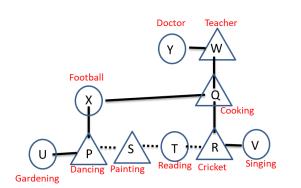
In the family of three generations, each male member except Q and W, has two brothers and one sister. The granddaughter of Y does not like Cricket, Q has no brother. P does not like Cooking. No female member likes either Dancing or cooking. X is mother-in-law of U and she likes Football. V, who likes Singing, is the daughter-in-law of Q. S who likes Painting is the unmarried brother of T, who does not like Gardening. R is the brother-in-law of U but he does not like Gardening, Dancing or Cooking. T is V's sister-in-law. Q's mother is W's wife, who does not like Teaching. The grand parents do not like any hobby.

P, Q, R, S, T, U, V, W,



X and Y		Singing, Cricket, Football, Teacher and Doctor
P	Male	xCook
Χ	Fem	Football
V	Fem	Singing
S	Male	Painting
Т	Fem	xGarden xDan xCook xCrick
R	Male	xG xD xC
Q	Male	
U	Female	xDan xCook
Υ	Fem	Doc/Teacher x Teacher
W	Male	Doc/Teacher

Cooking, Reading, Painting, Gardening, Dancing,



P, Q, R, S, T, U, V, W, X and Y		Cooking, Reading, Painting, Gardening, Dancing, Singing, Cricket, Football, Teacher and Doctor
Р	Male	Dancing, xCook
X	Fem	Football
V	Fem	Singing
S	Male	Painting
Т	Fem	Reading, xGarden xDan xCook xCrick
R	Male	Cricket, xG xD xC
Q	Male	Teacher
U	Female	Gardening, xDan xCook
Υ	Fem	Doc
W	Male	Tea



9. A, B, C, D, E, F, G, H, I and J are family members. There are three generations of the family. Each member likes a different drink viz, Coffee, Tea, Milk, Sprite, Fanta, 7up, Maaza, Pepsi, Appy and Limca, but not necessarily in the same order. There are five females in the family.

In the family, each female member, except B and H, has two sisters and one unmarried brother. B has no sister-in-law. A does not like Tea. The grandson of J does not like Pepsi. No male member likes Maaza, Limca or Tea. I is the father-in-law of F and likes Fanta. G, who likes 7up, is the son-in-law of B. The mother of C likes Tea. D, who likes Coffee, is the unmarried sister of E, who does not like Maaza. C is the sister-in-law of F, but she does not like Fanta, Limca or Tea. E is the brother-in-law of G. The father of B is the husband of H and he does not like Appy. The grandparents do not like any beverage except Milk and Appy. C is a married sister of A. Who among the following likes Maaza?



Floor based

10. Eight persons Ayesha, Bittu, Chandan, Disha, Ela, Farooq, Graeme and Henry live on a separate floor each of an 8-floor building but not necessarily in the same order. The ground floor is numbered 1, the first floor is numbered 2 and so on until the topmost floor is numbered eight.

Only two persons live below the floor on which Graeme lives.

Only one person lives between Graeme and Ayesha.

Henry lives on an odd-numbered floor but not on floor no. 7.

Only two persons live between Henry and Bittu.

Bittu does not live on the topmost floor.

Ayesha does not live on the lowermost floor.

Disha lives immediately below Chandan.

Neither Chandan nor Ela live on floor no 6.

Farooq lives immediately above Ayesha.

С	8	Cxb
D	7	D
F	6	F
А	5	А
В	4	В
G	3	G
E	2	
Н	1	Н

G | | end G | A, A G H Odd x7 H | | B , B|H B x8 A x1 CD Cx6, Ex6 FA

8	
7	
6	
5	
4	
3	
2	
1	



- 11. Nine people A, B, C, D, E, F, G, H and J stay on diff floor of a 9 floor building. All of them own one activity each one has a different activity, ie batting, grazing, white Rafting, Bowling, Yelling, Grinding, Riding, Ogling and packing. The ground floor is 1, the topmost floor is numbered 9.
- a) There are two floors between people of Riding and Bowling.
- b) H does a Bowling activity and stayed on an even-numbered floor.
- a) A stays on any even floor below the floor on which H stays.
- b) C stays three floors below G.
- c) The one who does Ogling stays on the fourth floor.
- d) E stays on the second floor and does white Rafting activity.
- e) The one who does packing activity stays on the third floor.
- f) A does not do Grinding activity.
- g) C does grazing activity.
- h) D stays on a floor immediately above J floor.
- i) There is one floor between the floors on which F and G stay.
- j) F does not do the packing activity.
- k) The one who does the batting stays on the topmost floor.
- I) F does not stay on the ground floor.

H (Bowling) even
Riding | | Bowling
A even below H
AxGrinding
G I I I C (G > C)
4 Ogling
2 E white Rafting
3 packing
C Grazing
DJ
F | G
F not packing
Batting is top
F not groundfloor

9	
8	
7	
6	
5	
4	
3	
2	
1	

В	Batting	9	
Н	Bowl	8	
F	Grinder	7	
Α	Yelling	6	
G	Reading	5	
D	Ogle	4	
J	Pack	3	
E	White	2	
С	Graz	1	



12. T, U, V, W, X, Y and Z live on a 7-storey building belongs to different city Goa, Chandigarh, Delhi, Noida, Mumbai, Pune and Shimla.

T lives on an odd-numbered floor but not on floor number third. The one who belongs to Mumbai city live immediately above T. Two persons live between W and the one who belongs to Mumbai city. The one who belongs Chandigarh city live on one of the odd-numbered floors but above W. Only three persons live between V and the one who belongs to Chandigarh city. The one who belongs to Delhi lives immediately above V. The one who belongs Goa city live immediately above the one who belongs to Shimla city. Z lives on an odd-numbered floor. Only one person lives between U and X. U lives on one of the floors above X. Neither V nor T belongs to Noida city. X does not belong to Delhi.

	7		
	6		
	5		
	4		
хT	3	хT	
	2		
	1		

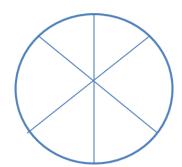
Noida	Z	7
Mumbai	U	6
Chand	Т	5
Goa	Х	4
Shimla	W	3
Delhi	Y	2
Pune	V	1

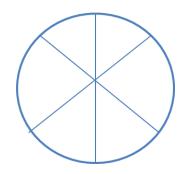


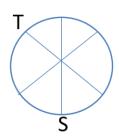
Circular Arrangement

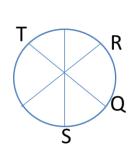
Six friends on circular table facing centre. P is second to the left of U. Q is neighbour of R and S. T is second to the left of S.

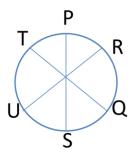
P _ U(L) RQS / SQR T _ S(L)













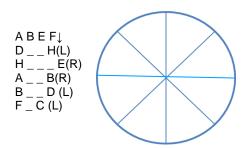
13. Eight Cetking students A, B, C, D, E, F, G and H are sitting around a circular table for playing a game. Four of them A, B, E and F are not facing the centre.

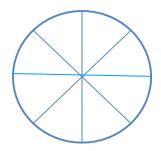
D is third to the left of H, who is fourth to the right of E.

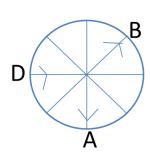
A is third to the right of B, who is third to the left of D.

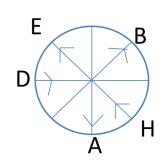
F is second to the left of C.

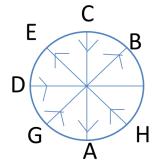
Who is opp of C?_













14. Eight Cetking students A, B, C, D, E, F, G and H are sitting around a circle. In such a way that three of them are facing outside.

E is 2nd to the left of H, who is facing outside.

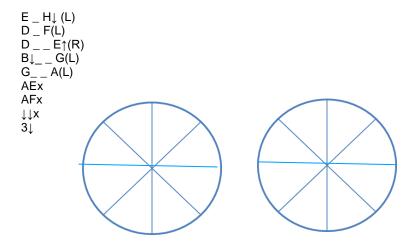
D is second to the left of F and third to the right of E, who is facing the centre.

B is third to the left of G and faces outside.

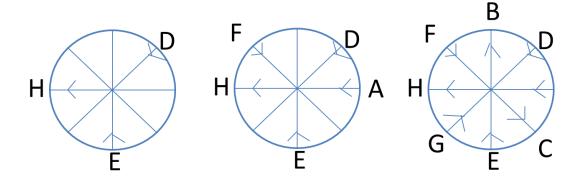
G is third to the left of A, who is not an immediate neighbor of E, D and F.

The friends facing outside are not adjacent.

Who sits opposite of E? _____



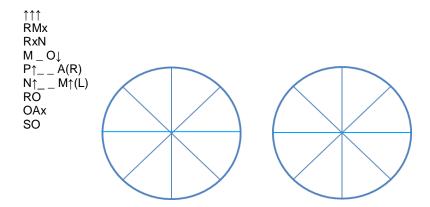
Hint: B & H Direction

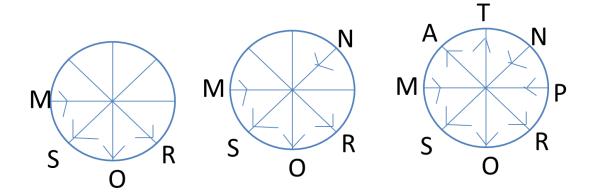




15. Ameer, Sally, Nalini, Madie, Ruchi, Omkar, Phani and Tanmay are sitting around a circular table. Three of them are facing the centre. Ruchi is not an immediate neighbor of Madie or Nalini. The one who sits exactly between Madie and Omkar, who is not facing the centre. Phani is third to the right of Ameer and is facing the centre. Nalini is third to the left of Madie and both are facing the centre. Omkar is immediate neighbor of Ruchi but not the neighbor of Ameer. Sally is the neighbour of Omkar.

Who is opp of O?







16. A, B, C, D, E, F and G are seven family members on circular table with only 3 people facing outside the centre. There are two married couples, two sons and two daughters in the family.

D sits third to the right of her grandson and both faces outside.

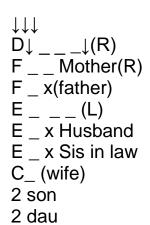
F sits second to the right of her mother but is not an immediate neighbour of her father.

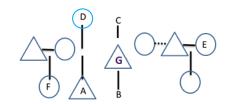
E sits third to the left of her daughter but is neither an immediate neighbour of her husband or sister in law.

D is grandmother of A, who is not granddaughter of C, who is an immediate neighbour of his wife.

G is son of C and father of B.

Who is opp A? _













- 17. Eight Cetking students A, B, C, D, E, F, G and H are sitting around a circular table but not necessarily in the same order. Some of them are facing outward. They are working at four stalls, viz Cloth, Food, Footwear and Book, in a trade fair. Two persons are working at each stall.
- 1 C sits third to the left of H, who works at the Footwear stall, and both are facing the same direction.
- 2 G sits on the immediate right of B, who works at the Cloth stall.
- 3 C and B are not facing the same direction but C is an immediate neighbor of E, who is fourth to the left of G.
- 4 E and G both are facing opposite directions but both work at the same stall.
- 5 Those who work at the Cloth stall sit adjacent to each other but face opposite directions.
- 6 The person, who work at the Food stall sit opposite each other.
- 7 The immediate neighbour of E are not facing outward.
- 8 a person who works at the Footwear stall is an immediate neighbour of the both persons who work at the Book stall.
- 9 D and F are immediate neighbour of H.
- 10 D is not facing the centre and works at the Book stall.
- 11 The one who is on the immediate left of F is not facing the centre. F sits second to the right of C.

Who is opp of B?_____

 $C _ H(L) =$ same dir GB(R) $CB \times$ same dir CE / EC $E _ G(L)$ $EG \times$ same dir Cloth Cloth (\$Opp)

Food _ _ _ Food

↑_ E _ ↑

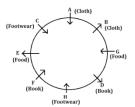
<u>Book Foot Book</u>
D H F / F H D

D↓
_↓ F
F _ C(R)

Н	Foot
	Foot
В	Cloth
	Cloth
G	Food
Е	Food
D	Book
	Book









Parallel Arrangement

18. Ten Cetking students are sitting in two parallel rows. In row – 1 Roy, Thakur, Singh, Gupta and Saini are seated facing south. In row-2 Mishra, Yadav, Rathore, Aggarwal and Pathak are facing north.

The person facing Mishra sits on the immediate right of Thakur.

Only one person sits between Thakur and Gupta.

Roy is not an immediate neighbour of Thakur.

Pathak sits third to the right of Yadav.

Only two people sit between Roy and Singh.

Neither Thakur nor Roy faces Aggarwal.

Mishra sits second to the left of Pathak.

Who amongst the following is facing Saini?

Ro, Ta, Sin, Gu, Sai R \downarrow L Ta $_$ Gu / G T $$_{\mbox{Mi, Ya, Ra, Ag, Pa}}$ L \uparrow R Ro x Ta Ro $_$ Si / Si $_$ R

_Ta Mi (R) Ya _ _ Pa Ta face x Ag Ro face x Ag Mi _ Pa (L)

L		Sai					Gu		Ta	
	Ya	Mi	Ra	Pa	Ag	Ag	Ya	Mi	Ra	Pa



- 19. Twelve cartoonists are sitting in two parallel rows. In row-1, G, H, I, J, K and L are facing south. In row-2, S, T, U, V, W and X are seated facing north. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row.
- (1) The one who faces H sits third to the left of V. V does not sit at any of the extreme ends of the line.
- (2) The one who is facing T sits third to the right of G. Neither T nor S sit at any of the extreme ends of the line.
- (3) Only one person sits between G and I. K is an immediate neighbor of neither I nor H.
- (4) The one who is facing W sits second to the left of L. L does not face X.
- (5) S sits second to the left of V. S is not facing H.

Who is facing J?_____

H
___ V (no corner)
G_I / G_I
KIx
KHx
L__
W
L X not facing

GHIJKL RĮL						
STUWWX L†R						

TS not corner S V H S not facing

		хK		хK				хK		хK		
GHIJKL R↓L	J	Н	I	L	G	K	J	Ι		L	G	K
STUVWX L↑R	Х	Т	S	U	V	W		Т	S	Χ	V	W
	xTxSxV					xTxSxV						



20. Ten persons are sitting in two parallel rows containing five persons each. In row 1, Priyanka, Deepika, Katrina, Sonam and Sonakshi are facing south. Inrow 2, Hema, Rekha, Jaya, Madhubala and Jeenat facing north.

In the given seating arrangement, each member seated in a row faces another member of the other row. Moreover, each of them belongs to different countries — Pakistan, Afghanistan, Bangladesh, Kazakhstan, Syria, UAE, Dubai, Egypt, Nigeria and Turkey but not necessarily in the same order.

There are only two persons sitting between the person from Pakistan, who sits at an extreme end, and Sonakshi.

Hema, who sits in the middle of the row, is not an immediate neighbour of Rekha, who is not a person of Turkey.

Jeenat is sitting at an extreme end. Sonakshi, a Syrian, sits on the immediate right of the person from Afghanistan and faces the immediate neighbour of Rekha.

Deepika is not sitting at the extreme left end. Hema is not from Nigeria.

There is only one person between Katrina and Sonam, who is from Pakistan.

Madhubala, who is from UAE, is an immediate neighbour of the person from Turkey and does not face the person from Bangladesh.

Jaya, who is from Kazakhstan, is an immediate neighbour of the person from Nigeria, who in turn faces the immediate neighbour of the person from Syria.

There are two persons between the person from Dubai and Bangladesh.

Deepika is not from Dubai.
Jeenat is not from Egypt.
Who is facing deepika?

Sk _ _ Pak (end) P S
Sk (Syrian) Afgan (R)
Sk faces Neighbout of Re
De x Left corner
Ka _ So (pak)
Niger faces neigh of Syria
Dubai _ _ Bangla
Dee x dubai

Pr, De, Ka, Sm, Sk R↓L					
He, Re, Ja, Ma, Jee L↑R					

He middle
HexRe
Re x Turkey
Ma (UAE) Turkey
Ma (UAE) not facing Bangla
Jeenat end
Jeenat x Egypt
Ja (kaz) Niger
Hema x Nigeria

		Bangladesh	Syr	Afg	Dubai	Pak	Pak	Bangla	Dubai	Syr	Afg
Pr, De, Ka, Sm, Sk	R↓L	De	Sk	Ka	Pr	Sm	So	De	Ka	Sk	Pr
He, Re, Ja, Ma, Jee	L↑R	Re	Ja	He	Ma	Je	Je	Ма	He	Ja	Re
		Nigeria	Kaz	Egypt	UAE	Turkey		UAE	Egypt	Kaz	Nig
			xRe	χN	xRe	хE	хE	xRe	xN	xRe	Nigeria