SITTING ARRANGEMENT

In this chapter we will deal with the questions originating on the sitting arrangement problems. We can sit in a line, in parallel lines or in a circular manner.

41

Directions (1 - 5): Study the following information carefully and answer the questions:

A, B, C, D, E, F, G and H are sitting around a circle, facing the centre. E and G always sit next to each other. D sits third to the right of C. F sits second to the left of H. C. never sits next to A while D never sits next to G. H is not the neighbour of D and C.

- 1. Who sits between A and D?
 - (1) B
- (2) F
- (3) C

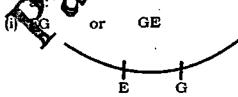
- (4) E
- (5) None of these
- 2. Who sits second to the left of B?
 - (1) F
- (2) G
- (3) A

- (4) E
- (5) None of these
- 3. Who sits to immediate right of F?
- *)** (1) D
- (2) C
- (3) B

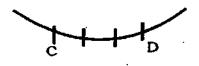
- (4) A
- (5) None of these
- Which of the following pairs sits between 4. B and F?
 - (1) HB
- (2) FD
- (4) GC
- 5. alke in a certain Four of the following a way based on their postions in the seating arrangement and steform a group. Which is the one that dies not belong to that group?
 - (1) CH
- (3) FE

- (4) DG
- (5) AC

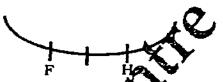
all the given arrangements SoL



(ii) C_ _D (2 places vacant between C and **D**).

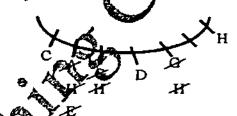


(iii) F _ H (1 place vacant between F and H).

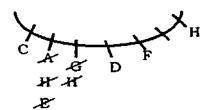


(iv) C A (both can't be to

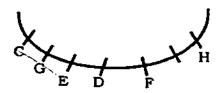
Now, mark the pest which will never be possible



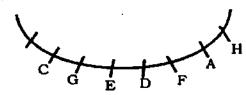
w, mark F second left from H.



G and E are always together which is possible only between C and D



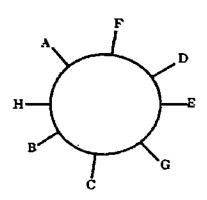
A cannot be near C. So, it has to be between F and H.



- (v) G D (both can't be together)
- (vi) HD or DH (can never be together)

HC or CH (can never be together)

The remaining character is B. It has to be near C.

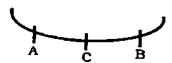


Ans. 1. (2), 2. (3), 3. (4), 4. (5), 5. (5) Directions (6 - 8): Read of the following information carefully to answer these questions:

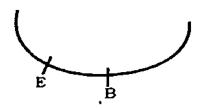
- (i) A, B, C, D and E are sitting along a circle facing the centre.
- (ii) C is neighbour of A and B.
- (iii) E is to the immediate left of B.
- Which of the following is a false 6. statement?
 - (1) E is to the immediate right of D
 - (2) D is second to the right of C
 - (3) A is third to the right of E
 - (4) A is between C and D
 - (5) None of these
- 7. What is the position of D?
 - (1) To the immediate right
 - (2) Third to the right of
 - (3) To the immediate feet
 - (4) Second to the left
 - (5) None of these
- Which of the following is true statement? 8.
 - (1) A is second to the left of B
 - (2) B is second to the left of D
 - etween A and E
 - is third to the right of E
 - (5) None of these

Read the statement carefully and note Sol. down the important relations

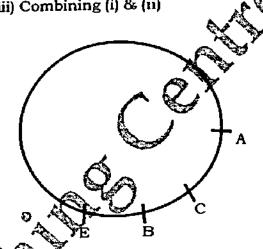
(i) ACBorBCA



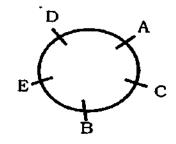
(ii) EB



(iii) Combining (i) & (ii)



PD in a suitable position



Ans. 6. (5), 7. (2), 8. (3)

Directions (9 - 13): These questions are based on the basis of following information. Study it carefully and answer the questions.

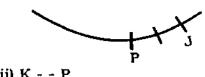
> Eight executives J, K, L, M, N, O, P, & Q are sitting around a circular table for a meeting. J is second to the right of P who is third to the right of K. M is second to the left of O who sits between P & J, L is not a neighbour of K or N.

- Who is to the immediate left of L? 9.
 - (1) Q
- (2) O
- (3) K

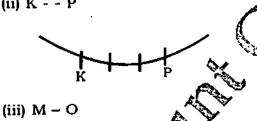
- (4) N
- (5) None of these
- Who is to the immediate left of K? 10.
 - (1) N
- (2)J
- (3) Q
- (4) Cannot be determined
- (5) None of these

- 11. Which of the following is the correct position of N?
 - (1) Second to the right of K
 - (2) Immediate left of K
 - (3) Immediate right of M
 - (4) Immediate right of K
 - (5) None of these
- 12. Who is third to the right of P?
 - (1) L
- (2)J
- (3) Q

- (4) N
- (5) None of these
- 13. Which of the following groups of persons have the first person sitting between the other two?
 - (1) PJO
- (2) OPJ (3) OPM
- (4) MPO
- (5) None of these
- Sol.
 - (i) P J

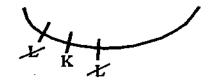


(ii) K - - P

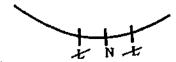




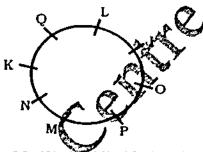
(v) 上K or K人



(vi) KN or NK



(vii)



Ans. 9. (5), 10. (3), 11. (4), 12. (1), 13. (2)

Directions (14 (19): Study the following info-Note down all the given arrangements rmation and answer the questions given below:

M, N, P, R, T, W, F and H are sitting around a cifcle at the centre, P is third to the left Mand second to the right of T. N is second to the right of P. R is second to the right of W who is second to the right of M. is not an immediate neighbour of P.

Who is to the immediate right of P?

- (1) H
- (2) F
- (3) R
- (4) Data inadequate
- (5) None of these
- Who is to the immediate right of H?
 - (1) R
- (2) F
- (3) M
- (4) Data inadequate
- (5) None of these
- Who is to the immediate left of?
 - (1) P
- (2) H
- (3) W

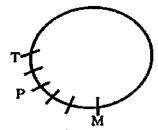
- (4) T
- (5) Data inadequate
- .17. Who is third to the right of H?
 - (1) T
- (2) W
- (3) R

- (4) F
- (5) Data inadequate
- 18. Who is second to the right of F?
 - (1) M
- (2) R
- (3) T

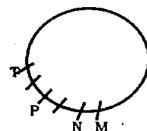
- (4) Data inadequate
- (5) None of these
- In which of the following is the first person sitting in between the second and the third person?
 - (1) NHM
- (2) PHN
- (3) TRP

- (4) TWF
- (5) None of these

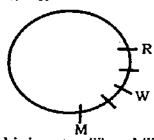
Sol. (i) T - P - - M



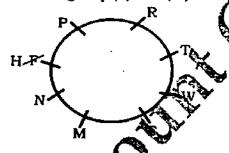
(ii) T-P-N M



(iii) M - W - R



(iv) Combining step (ii) and (iii)



Ans. 14. (1), 15. (5), 16. (4), 18. (3), 19. (1)

Directions (20 - 21) Study the following information careful and answer the questions:

A, B, C, B, E, Y, G and H are sitting around a circle facing the centre. A sits fourth to the high. If H while second to the left of F. C is not the neighbour of F and B. D sits third to be right of C. H never sits next to G.

- 20. Which of the following pairs sit between H and G?
 - (1) BH
- (2) EF
- (3) CE

- (4) DB
- (5) None of these
- 21. Who sits second to the right of B?
 - (1) A
- (2) C
 - (3) D

- (4) E
- (5) None of these

- 22. Which is the position of B with respect to C?
 - (I) Second to the right
 - (II) Sixth to the left
 - (III) Third to the left
 - (IV) Fifth to the right
 - (1) Only II
 - (2) Only II and III
 - (3) Only I and IV
 - (4) Data inadequate
 - (5) Both III and IV
- 23. Who amongst the following sits between B and D?
 - (1) G
- (12) E
- (3) H

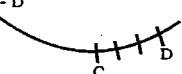
- (4) A
- (5) C
- 24. Who is to imprediate right of A?
- (3) G
- (4) Data fradequate
- A(5) None of these
- 25. Four of the following are alike in a certain way based on their positions in the sitting arrangement and so form a group. Which is the one that does not belong to that group?
 - (1) AE
- (2) HF
- (3) BD

- (4) GE
- (5) CH

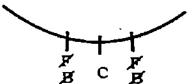
Sol. (i) H - - - A



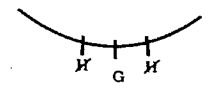
(ii) C - - D

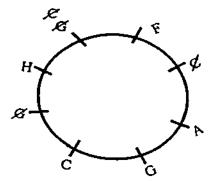


(iii) CF or FC or CB or BC (these combinations will not be entertained)

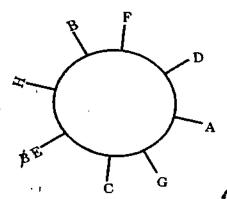


(iv) G H (both cannot be together)





(vi) Only two places are left. Which will only be occupied by remaining members B and E. B cannot be near C hence E will be near C.



Ans. 20. (3), 21. (4), 22. (5), 23. (2), 24. (2), 25. (1)

Directions (26 - 30): Study the following information carefully and answer the Ans. 26. (3), 27. (4), 28. (1), 29. (3), 30. (5) question given below:

the right of P who is third to the right of K. questions given below: T is third to the tight of W who is not an immediate neighbour of D. M is third to the left of R.

- Who is second to the right of T? **26**.
 - (1) D
- (3) M
- (4) Date madequate
- Norte of these
- 27. In which of the following pairs is the second person sitting to the immediate right of the first person?
 - (1) DT
- (2) TP
- (3) PR

- (4) KW
- (5) None of these
- 28. Who is to the immediate left of R?
 - (1) W
- (2) P
- (3) K

- (4) T
- (5) None of these

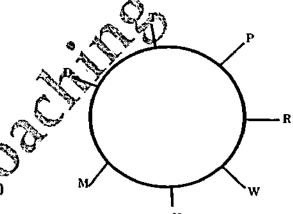
- 29. Who is to the immediate left of M? (1) K
 - (4) T
- (2) W
- (3) D
- (5) None of these Who is third to the left of D? 30.
 - (I) W
- (2) P
- (3) K
- (4) Data inadequate
- (5) None of these

Sol. Step 1

Given statements

- (i) P D
- (ii) K -
- (iii) W - T
- (v) M - R
- (ix) WD

Step 2 Now start with the second Statement Step 3 Plot the combinations

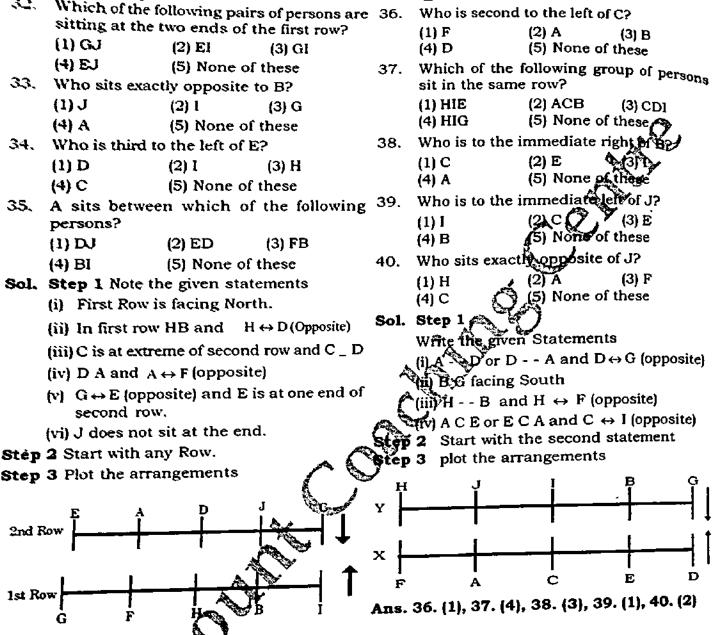


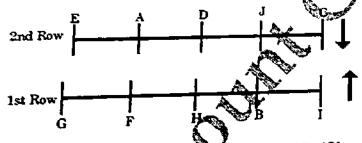
M, D, P, K, R, T and Ward sitting around Directions (31 - 35): Study the following a circle facing the centre b is second to information carefully and answer the

> Ten persons A, B, C, D, E, F, G, H, I and J, are sitting in two rows with five persons in each row in such a way that one person in the first row sits exactly opposite and facing a person in the second row. Members of the first row are facing North. B sits in the first row to the immediate right of H who sits exactly opposite of D. C is at the extreme end of second row and is second to the left of D. A is to the immediate right of D and exactly opposite to F. G sits exactly opposite to E who is at one of the ends of the second row. J does not sit at the end.

- Who is second to the left of B? 31.
 - (1) 1 \ldots
- (2) G
- (3) H

- (4) F
- (5) None of these





34. (5), 35. (2) Ans. 31. (4), 32. (3), 38

based on the following information. Study it questions given below: carefully and answer the questions.

Ten manbers A, B, C, D, E, F, G, H, I & J respectanto two teams X & Y of 5 members ch. Members in the two teams are made to in two rows facing each other in such a way that one member of team X is sitting exactly opposite of a member in team Y. 1. Members of team X are facing North. D is third to the right of A and sits exactly opposite of G. B sits to the immediate right of G and is facing South. H is third to the right of B and is exactly opposite of F. C sits between A & E and is opposite of I.

Exercise:

Directions (1 - 5): Study the following Directions (36-40). Hese questions are information carefully and answer the

A, B, C, D, E, F, G and H are sitting around a circle facing the centre. D is fourth to the right of H and second to the left of B. F is fourth to the right of B. C is fourth to the right of E who is not immediate next to B or D. A is not an immediate neighbour of D.

What is B's position with respect to G?

- (1) Third to the right
- (2) Third to the left
- (3) Fifth to the right
- (4) Fourth to the left
- (5) Fourth to the right

# 5	in which of the	e following	Ctimalsian					
	the third person sitting in between the same			Directions (12 - 16): Study 45				
	the third person sitting in between the first and the second person? (1) ABC (2) GCD (3) AHE			mation and answer the questions which for				
	(x) ABC	(5) GCD	(3) AHE		(i) K, L, M, N.	O. Pando	ATTICITION	
3.	(4) CBA	(5) EFG				iacin	P IDe centre	
J.	Who is third to		of A?		Wind Bills Defa	/cen N and	LO.	
	(1) H	(2) E	(3) F		(iii) K is third	to the left (of O.	
	(4) Data inade				(iv) Q is secon	d to the lef	it of M. The is to	
	(5) None of the			12.	rite immed	liate left of	R. A.	
₹.	Who is to the i	mmediate	left of D5	14.	which of the fe	ollowing p	irs has the first	
	(1) G	(2) C	(3) F		second person	to the image	ediate left of the	
_	(4) Data inadeo	quate	(5) None of these		(1) LO	$\Delta \mathcal{L} \mathcal{L}$	(2) (2)	
5.	Who is fourth t	o the left o	of G5		(4) LN		(3) QN	
	(1) E	(2) F	(3) A	13,		(5) None		
	(4) Data inadeo	quate	(5) None of these		respect of O	согтест ро	sition of L with	
Dire	ctions (6 - 1)	1): Study	A1		(1) Second to	ne right		
	rmation care tions given be	erully on	the following d answer the		(2) First to the			
Anne	COTTO BYAGH DE	10W;		,	(3) First to the			
	around a circle	, R, War	nd B are sitting the centre. D is					
	fourth to the le	eft of A wh	the centre. D is no is third to the	•	(4) Third to the right			
	right of M. P is	third to th	e left of O who is		(5) None of these Which of the following has the middle person sitting between the other two?			
	third to the left	of M. R is	third to the right	7Q	person sitting	iollowing	has the middle	
_		coura to til	cristicot bar A	•	(1) NQI			
6.	Who is second	to the left	ot D5			(2) PMK	- •	
	(1) W	(2) B	(3) Q	15.	(4) MOP	(5) None of		
_	(4) Data inadeo		(5) None of these	15.	Who sits secon			
7.	Who is third to	the left of	P		(1) P	(2) M	(3) K	
	(1) M	(2) D	(3)		(4) Q	(5) None (
	(4) Data inadeo		None of these	16.	Who sits between			
8.	Who is to the in				(1) 0	(2) N	(3) K	
	(1) W	(FR)	(3) B		(4) L	(5) None		
	(4) Data inadex	O. 7	(5) None of these	Dire	ctions (17 - 2	2): Study	the following	
9.	Which of the ol	lowing pai	rs represents the		tions given be		d answer the	
	of W?	d respecu	vely to the right	•	•		re sitting around	
	(1)-17	(2) OB	(3) MR				tre. D is third to	
		(2) QB	(5) None of these		the left of T wh	o is fifth to	the right of P. A	
10	Data inadeo	_	` '				who is second to	
10.	In which of the following pairs is the second person sitting to the immediate				the right of D. Q is second to the left of N			
	right of the first person?			17.	Who is second	to the rigl	ht of M?	
	(1) MD	(2) RM	(3) AB		(1) B	(2) R	(3) T	
	(4) QB	(5) None	of these		(4) Q	(5) None	of these	
11.	Who is fourth t	• -		18.	Who is to the i	mmediate	right of D?	
	(1) P	(2) A	(3) B		(1) M	(2) Q	_(3) B	
	(4) Data inadeq	• •	(5) None of these		(4) Data inadeq	uate	(5) None of these	

19	. Who is third to the right of P?			Directions (29 - 33): Study the following			
	(1) D	(2) M	(3) R	****	semment and and attament		
	(4) Data inac	lequate	(5) None of these		Prome Priori		
20.	Who is secon	nd to the le	ft of D?		M, P, J, B, R, T and F are sitting around a circle facing the centre. B is third to the left		
	(1) A	(2) Q	(3) B				
	(4) P	(5) Data	a inadequate		to the left of p and second to the Library		
21	In which of the following pairs the first				T is not an immediate neighbour of M		
			immediate right of	29.	Who is fourth to the right of Ma		
	the second p		(2) DA		(1) B (2) T (3) 35.		
٠	(1) DM	(2) BT (5) PA	(3) RA		(4) Data inadequate (5) None of these		
22	(4) PQ	• •	airs represents the	30.	Who is second to the left of T?		
22	immediate n		-		(1) F (2) M (3) P		
	(1) PT	(2) PB	(3) TQ		(4) J (5) Data inadequate		
	(4) PD	(5) Non	e of these	31.	In which of the following pairs the second		
Dir	ections (23 -	28): Stu	dy the following		person is sitting to the immediate right of the first person?		
	information carefully and answer the				(1) JR (2) PJ (3) TR		
que	stions given 1			,	(4) MP (5) None of these		
			are sitting around	20.6	What is F's position with respect to R?		
	the left of and	is second to	the right of F. A is	32. ₁	(A) Third to the left		
	third to the left of C, who is not an						
	immediate neighbour of F. G is second to the left of A. D is second to the right of				(B) Fourth to the right		
23.			-A	-	(C) Third to the right		
	(1) H	(2) A	(3) G		(1) Only (A) (2) Only (B) (3) Only (C)		
	(4) Data inad		(5) North of these		(4) Both (A) and (B)		
24.		ho is third to the left of A			(5) None of these		
	(1) C	(2) F	र्राह्म है	33.	Who is third to the right of B?		
	(4) Data inad	equate.	(5) None of these		(1) R (2) J (3) M		
25.	person sitting on the immediate left of the				(4) Data inadequate (5) None of these		
				Directions (34 - 38): Study the information			
	second perso	* * Q		RIVE	n below and answer these questions:		
	(1) EH	E) CE	(3) AF		(i) P, Q, R, S, T, U and V are sitting along a circle facing the centre.		
	(4) DB		of these		(ii) P is between V and S.		
26 .			airs represents the				
	innediale ne	-			(iii) R who is second to the right of S, is between Q and U.		
	(A) Data inade	(2) HC	(3) CA	i	(iv) Q is not the neighbour of T.		
27.		_	(5) None of these	34.	•		
<i>~,</i>	Who is on the			•	Which of the following is correct statement? (1) V is between P and S		
	(1) E (4) Data inade	(2) C	(3) H				
28.	(4) Data inade	_	(5) None of these		(2) S is second to the left of V		
£0.	Who is on the				(3) R is third to the left of P		
	(1) D	(2) E	(3) F		(4) P is to the immediate left of S		
	(4) Data inade	quate	(5) None of these		(5) None of these		

		tation of more					
35.	What is the position of T?				ctions (44 - 48): Study the following info-		
	(1) Between R and V			rmat	ion carefully and	Susmer the	following info-
	(2) Immediate left of V				A, B, C, D, E, R C, n=411		
	(3) Second to th				sitting around	a circular	table facing the
	(4) Second to th	e right of I	P		centre, A sits s	econd to t	he left of D who
	(5) None of thes	ie.					
36.	Who is between R and U?				right of G who is not an immediate neighbour of E. H sits third to the right of B who sits second as a site of the right of		
	(1) None (2) S (3) V				B who sits seco	. ក នាខេ ក្រោ ពេក ស្រ	rd to the right of
	(4) Q	(5) None o	• •	44.	Who sits betwe	en Dand	ukukut es
37.	Which of the following is wrong statement?				(l) Only B	(2) Only	
	(1) R is to the in				(3) Only C	(4) Only	And A
	(2) Q is to the ir				(5) Only G and		*
			* *	45.	Who sits secon		abt of EO
	(3) T is third to	-	_		(1) B	a w the ti	(3) G
	(4) U is second		of T		(4) C	(5) None	•
	(5) None of the			46.			ith respect to H?
38.	Which of the following pairs has second				(1) Thir the		iui respect to ris
	member sitting	to the im	mediate right of		(2) Third to the		
	the first memb				(3) Second to th		
	(1) QS	(2) PV	(3) RU	-	Second to th		
	(4) VT	(5) None (- 1	(5) Yourth to th	e left	
			y the following	42	our of the foll	owing five	are alike based
			d answer the		upon their seat	ing arran	gements and so
ques	tions given be			A -	form a group. V	Vhich is th	ne one that does
	P, Q, R, S, T, V and W are sitting around a circle facing the centre. V is second to the				not belong to th		•
			e right of Walks		(1) CH	(2) FG	(3) DA
			andaje not an		(4) BE	(5) GB	
			V. Salabird to	48.			pairs has the
	the right of R.		A		of the first pers		e immediate left
39.	Who is second	to the righ	of X2		(1) DB	(2) EH	(3) FA
	(1) R	(2) W T			(4) GD	(5) None of	, ,
	(4) S	(5) None	of these	Dire			the following
40.	Who is to the in						d answer the
	(1) V	T	(3) Q		tions given bel	•	
	•	None	of these	-	P, Q, R, S, T, U,	V and W a	re sitting around
41	(4) W						I is second to the
41.	Who is to the chmediate right of R? (1) W (2) T (3) P				left of P and third of the right of V. S is second		
					to the right of W who is to the immediate right of T. Q is third to the right of U.		
	Maded	=			_		_
•	None of these			49.	In which of the following pairs is the third person sitting in between the first and the		
42.	Which of the following groups is the first person sitting between the second and the				second persons		the mot and the
	person sitting b	etween the	e second and the		(1) USP	(2) VRU	(3) TOW
	third person?				(4) WPS	(5) None	
	(1) RPQ	(2) TWS	(3) QPR	50.	Who is to the in		
	(4) QVS	(5) None (50.	(1) Q	(2) W	(3) R
43.	Who is third to				(4) Data inadeq		
	(1) T (2) S (3) W				(5) None of these		
	(4) R	(5) None	of these		10,	-	

	(-) ((-) ((-) ((-) ((-) ((-) ((-) ((-)		441 4 52	// to 25 25 45		
	(4) Q (5) Data inadequate		(1) A, B	(2) D, E (3) C, F		
52 .	What is R's position with respect to W? (1) Third to the left		(4) A, D	(5) Hone of these		
			Which of the following are abanding in a rong			
	(2) Fourth to the left		(1) A, B and F	(2) E, B and A		
	(3) Sixth to the right		(3) A, C and E	(4) B, F and D &		
	(4) Fifth to the left		(5) None of the			
	(5) None of these	60.	If A and B exch	ange their places with each		
53.	Who is fourth to the left of R?		other, who will	oc exactly left of Bb		
	(1) U (2) P (3) S (4) W (5) None of these		(1) D	BYR (S) (g) k		
Dire	ections (54 - 55): Study the following		(4) C	(5) None of these		
one	ormation carefully and answer the stions given below:		ctions (61 - 6	Sp. Study the following		
4-0		info	rmation care	fully and answer the		
	Six friends P, Q, R, S, T and U are standing in a row. Q is exactly in between U and S.	que		夏ツ・道。		
	T is standing in between P and R. P is not		(i) A, B, C, D	Eland T are standing in a		
	a neighbour of S and U. R is not a		e rowitacing			
F.,	neighbour of S.	1		o the right of E.		
54.	U is standing in between which of the following pair?	4	(iii) Gas iourth	from one end of the row.		
	(1) Q and R (2) Q and S (3) Q and P	(to the right	between A and D, is third		
	(4) R and P (5) None of these					
55.	R is standing in between which of the	20	ends of the row	the following is at the two		
	following?	9		(2) A and E		
	(1) Sand U (2) Tand Q (3) Tand U			•		
	(4) P and T (5) None of the		(5) None of thes	• •		
Dire	ctions (56 - 60): Study the following	62.	What is the pos			
info	mation carefully and answer the questions n below:	(1) Immediate right of T				
give.	, v		(2) Right end of			
	Six friends A, B, C, D, E and F are in two rows, each row having three friends facing		(3) Fifth to the l			
	each other and standing in such a way that-		(4) In between (
	(i) F is second to the right of C.		(5) None of thes			
	(ii) A is at the cost of a row.	63.				
	(iii) E is the heighbour of B.		Which of the following is true? (1) A is immediate left of C			
	(iv) C is describy in front of B.					
56.	Which othe following pair is not facing		(2) E is immedia			
	ch omer.		(3) C is in betwee			
	(1) E (2) C, B (3) E, D		(F) Many second	to the right of B		
57.	(4) F, A (5) None of these	64.	(5) None of thes			
37.	Which of the following statement is true?	U4.	which of the fo	llowing is not true?		
	(1) A is second to the left of C.		(1) D is immedia	ate left of B		
	(2) E is to the left of B.		(2) D is at one c			
	(3) C and B are diagonally opposite to each other. (4) D is to the right of A.		(3) E is at one end of the row (4) A and C are neighbours			
	(5) None of these		(5) There is no o	one between C and T		
	72					

51. Who is second to the right of P?

(2) V

(3) U

(1) S

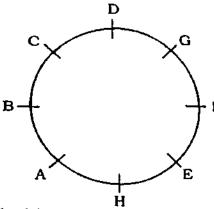
58. Which of the following people are standing

opposite to each other?

- 65. Which of the following pair represents two (17-22): members standing near each other?
 - (1) D, B and A, T
 - (2) A, B and E, T
 - (3) A, C and E, D
 - (4) E, C and T, C
 - (5) None of these

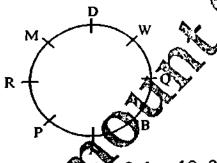
Answers with Explanation:-

(1 - 5): Sitting Arrangement



- 1. 1; B is third to the right of G.
- 2. 2; D is sitting between G and C.
- 3. 3; F is third to right of A.
- 4. 1; G is to the immediate left of D.
- 5. 3; A is fourth to the left of G.

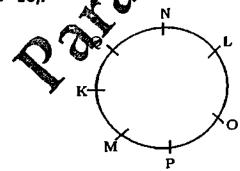
(6 - 11):



10.3 6.3

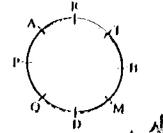
11. 5 (A:

(12 - 16):



12. 4 13. 5 (2nd from left)

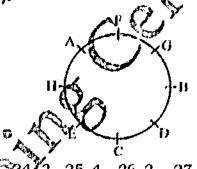
14.2 15.1 16.3



17, 3 18, 1 19, 2 20, 4

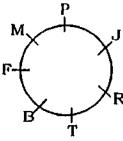
22, 5; Pand Rare immediate Bours of A.

(23 - 28):



25, 4 26, 2 27.1

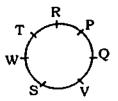
28, 5 (Answer is C)



29. 5 (Ans. is R) 30. 1 31. 3 32. 4 (34 - 38):

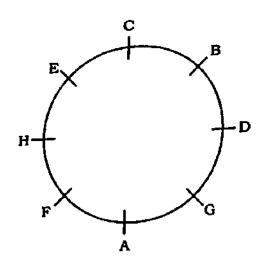
36. 1 37. 4 38. 3 34.4 35. 2

(39 - 43):



41. 2 42. 5 43. 1 39. 1 40.4

(44 - 48):

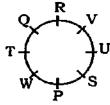


44. 1 45. 2 46. 4

47. 3; In all others, the second person is second to the right of the first.

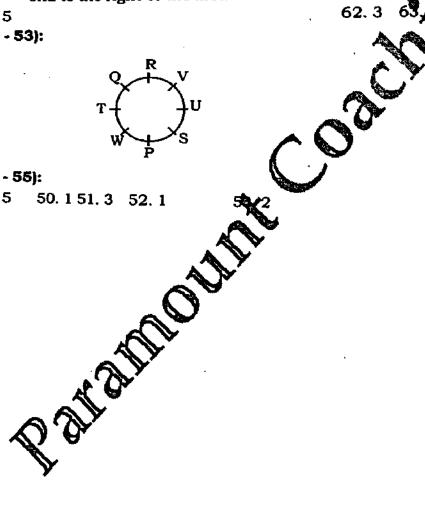
48.5

(49 - 53):



(54 - 55):

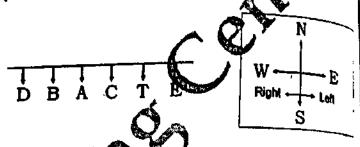
49. 5



Q S 54. 1 55. 3 (56 - 60):

58.2 59. 2

56. 1 57. 2 (61 - 65):



61.5 (D and)

65. 2 62.3 63