

DATA ARRANGEMENTS

DRILL 1: SOLUTIONS

Exercise 1

a. Answer: E

Explanation

Step 1: From The first statement we can fix the position of B. (direct clue)

		B			
1	2	3	4	5	6

Step 2: From the fourth statement we can fix the position of E behind B with one swimmer in between.(Indirect clue)

		B		E	
1	2	3	4	5	6

Step 3: From the second statement we can fix the position of D.

	D	B		E	
1	2	3	4	5	6

Step 4: From 3rd statement, A is behind D and E, so A will occupy the last place.

	D	B		E	A
1	2	3	4	5	6

Step 5: From 5th statement, F is Ahead D, So F will occupy the first position.

F	D	B		E	A
1	2	3	4	5	6

Step 6: The only person left is C. So C will occupy the fourth place.

The final Arrangement is

F	D	B	C	E	A
1	2	3	4	5	6

b. Answer: 4

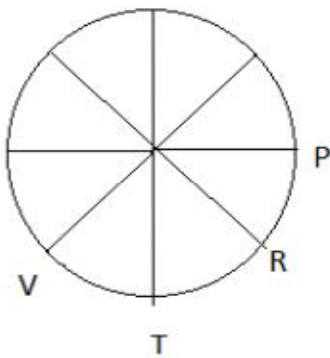
From the above arrangement we can say There are 4 persons separate A and F.

Drill 2

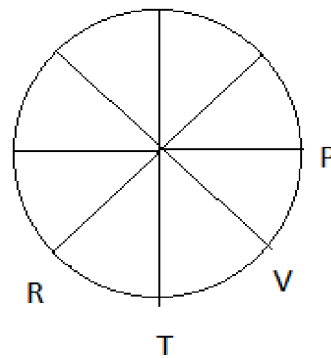
a. Answer: RV

Step 1: P is second to the right of T, who is the neighbour of R and V. (direct clue)

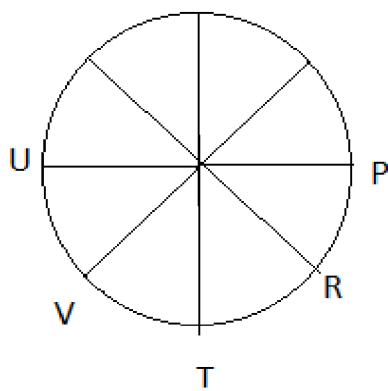
Possibility 1



Possibility 2



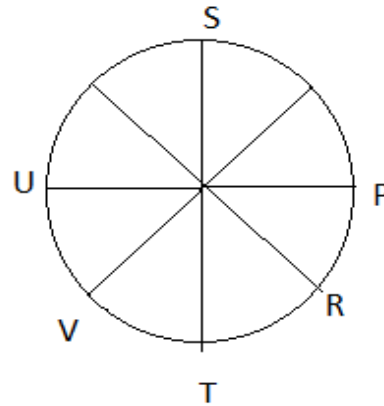
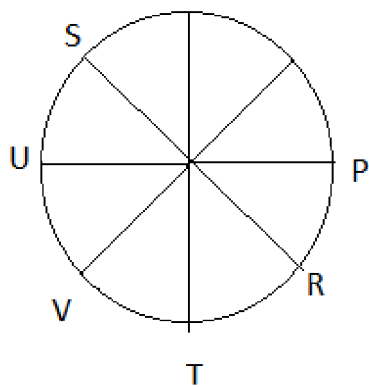
Step 2: V is the neighbour of U. (Indirect clue)



Step3: S is not neighbour of P. So it can be near to U or second to the left of U.

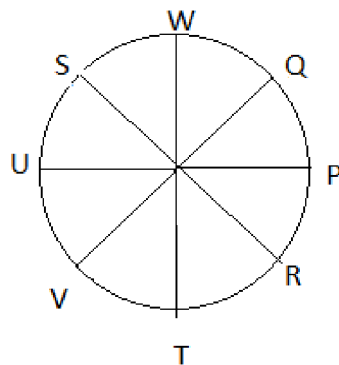
Possibility 1

Possibility 2

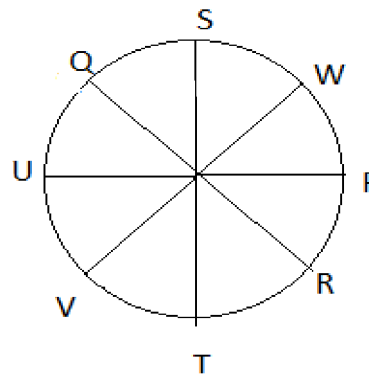


Step 4: Q is not between S and W, (**SQW and WQS is not possible**) and W is not between U and S, (**UWS is not possible**)

Possibility 1



Possibility 2



In both the possible arrangements RV are not the neighbours.

b. Answer: T

From the above arrangements we can say T is to the immediate right of V.

DRILL 3:

a. Explanation:

Step 1: D does not have pink shirt so just put cross for pink

Names	Red	Pink	Blue	White
A	✓			
B				
C				
D		X		

Step 2 : 'A has red shirt' is one of direct clues so just tick red for person A and cross for rest of the colours and rest of the persons.

Names	Red	Pink	Blue	White
A	✓	x	x	x
B	X			
C	X			
D	X	x		

Step 3: C wears white shirt

Names	Red	Pink	Blue	White
A	✓	x	x	x
B	X			x
C	X	x	x	✓
D	X	x		x

Step 4: Now it is clearly visible that B should have pink colour and if B has Pink colour, D should have blue colour dress.

Names	Red	Pink	Blue	White
A	✓	x	x	x
B	X	✓	x	x
C	X	x	x	✓
D	X	x	✓	x

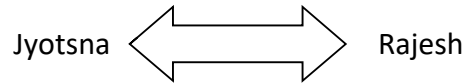
Answer:

Name	Colour
A	Red
B	Pink
C	White
D	blue

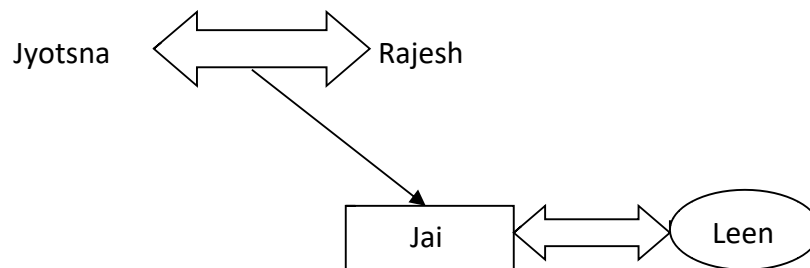
Drill 4:

- a. Answer: Daughter in law

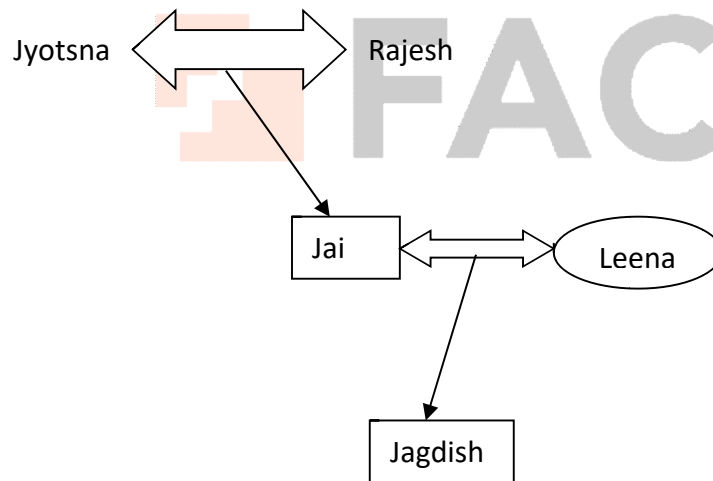
Step 1: Jyotsna and Rajesh is the eldest couple in the family (Direct clue)



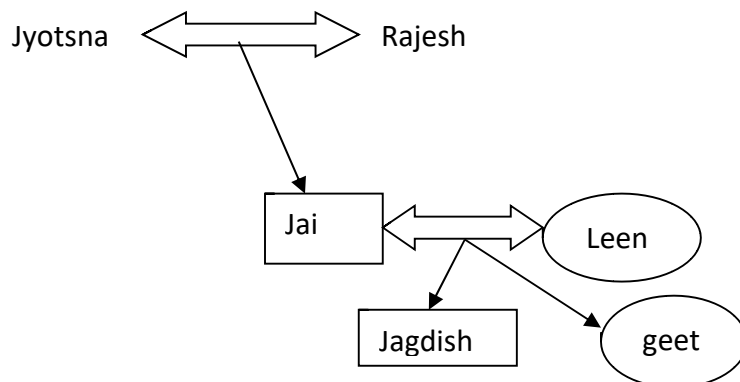
Step 2: Jai is the son of Rajesh and his wife is Leena. (Indirect clue)



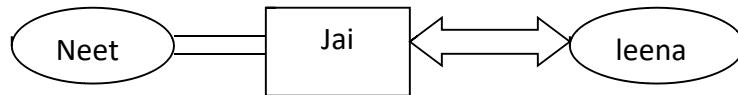
Step 3: Jagdish is the son of Leena.



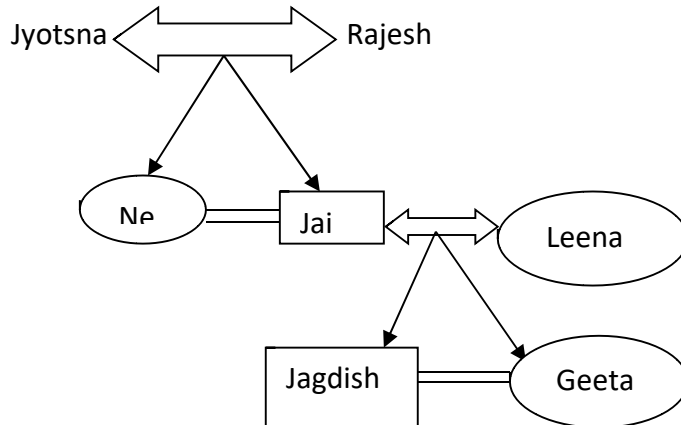
Step 4: Geeta is the daughter of jai



Step 5: Neeta is the sister in law of Leena.



Step 6:



b. Answer: Neeta

From the above family tree we can say aunt of Jagdish is **Neeta**.

GOOGLY QUESTIONS

1. **Correct**

2. **Wrong**

Days/subjects	Maths	Physics	Chemistry	Biology	English
Mon	x			x	
Tue	x			x	
Wed	✓	x	x	x	x
Thu	x				
Fri	x				

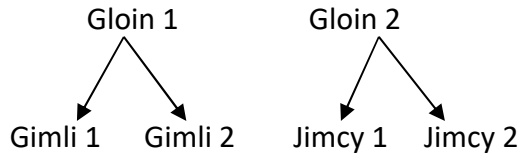
It is given physics is conducted after maths and not “Immediately” after maths. So we cannot determine biology test held in Thursday or Friday.

Ans: Cannot be determined

3. **Wrong**

The arrangement can be PQ_ST (or) SQ_PT (or) PT_SQ (or) ST_PQ.
In all the cases the middle person has to be 'R'.

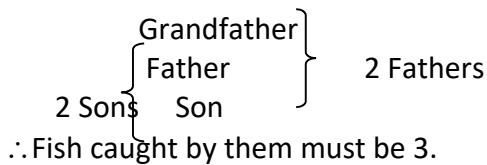
4. Wrong



No relation between Gimli 1 and Jimcy 2

Ans: cannot be determined

5. Wrong



CONCEPT REVIEW QUESTION

1. Answer: option d

Explanation:

Step 1: Rita is between Reena and Manju.

Reena Rita Manju

(Or)

Manju Rita Reena

Step 2: Manju is to the right of Reena. So the only possible arrangement is

Reena Rita Manju

Step 3: Shikha is to the left of Reena.

Shikha Reena Rita Manju

1 2 3 4

In photograph we will get mirror image. So arrangement will be

Manju Rita Reena Shikha

1 2 3 4

From Photographer point of view **Rita** would be second from the left in the photograph.

2. Answer: Option a

Explanation:

Step 1: P is to the right of Q.

Q P

Step 2: Q is to the right of S

S Q P

Step 3: T is to the left of R and right of P

S Q P T R

From the above arrangement we can say **P** is the middle house.

3. Answer: option a

Explanation:

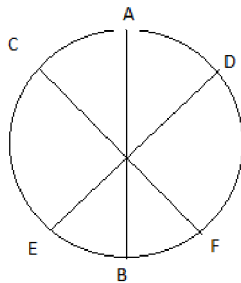
Step 1: B is to the immediate left to F

Step 2: E and B are seated adjacent to each other

Step 3: There are two persons between D and E

Step 4: A is not seated adjacent to E

Step 5: A and C is seated adjacent to each other.



From the above arrangement we can say immediate left of E is **C**

4. Answer: option a

Explanation:

Step 1: Monika in middle (Direct clue)

_____ **Monika** _____

Step 2: Rashi is adjacent to Monika (Indirect clue). She can be on either side.

Rashi Monika

(Or)

Monika Rashi

Step 3: Rashi is not adjacent to sulekha or abha

Sulekha abha Monika rashi

(Or)

Abha Sulekha Monika rashi

Step 4: Anuradha is not adjacent to sulekha. So the arrangement can be

Sulekha abha Monika rashi anuradha

(Or)

Abha Sulekha Monika rashi anuradha

In both possible arrangements **Rashi** is adjacent to Anuradha.

5. Answer: option b

Explanation:

Step 1: S is standing right to R and left to T.

R S T

Step 2: Q is standing left to R but right to P

P Q R S T

Step 3: O is standing right to N and left to P

N O P Q R S T

From the above arrangement we can say **Q** is in the middle.

6. Answer: option a

Explanation: (from 6 to 10)

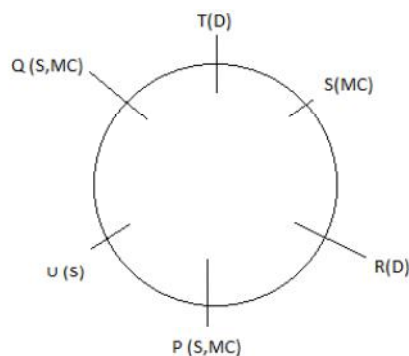
6 dishes[P, Q, R, S, T, U], 2- Starters, 2-Main course, 2-desserts. Let us assume that P and U be starters, since it is given that both the starters are adjacent to each other. And R and T may be desserts

Step 1: P is opposite to dessert which is not Q

Step 2: P is adjacent to U.

Step 3: S is the main course and is adjacent to the desserts.

Step 4: Remaining dishes which has to be arranged are Q, R & T. The clue relates that R is not adjacent to either Q or T



The dish opposite to P is T

7. Answer: option c

Explanation:

From the above arrangement **U Starter** is the correct combination.

8. Answer: option d

Explanation:

One of the desserts is opposite to the main course(**R is opposite to Q**)

A main course is opposite to a starter(**S is opposite to U**).

9. Answer: option b

Explanation:

From the above arrangement we can say **T and U are adjacent to Q**

10. Answer: option a

Explanation:

From the above arrangement S and T can be together.

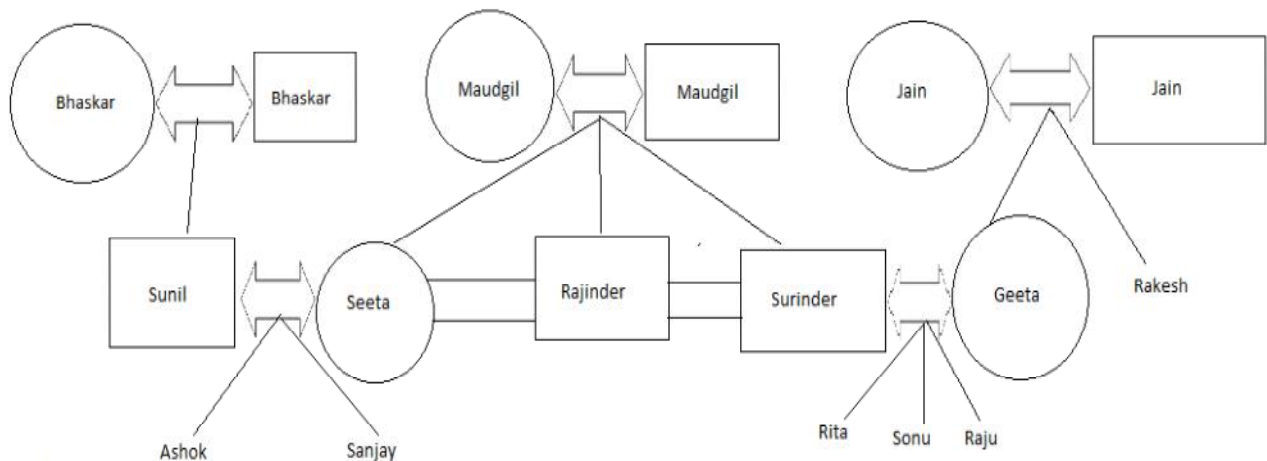
U and Q can be together.

P and R can be together.

But **P and T cannot be together**

11. Answer: option b

Explanation: (Questions 11 to 12)



Raju's father's brother is Rajinder.so Rajinder is **uncle** to Raju.

12. Answer: option d

Explanation:

From the above family tree Ashok's mother's brother is Rajinder.so Rajinder is **Uncle** to ashok.

13. Answer: option d

Explanation:

Step 1: Only son of my mother is I (Arun).

Step 2: The boy in the photograph is Son of Arun.

The boy's **Father** is Arun.

14. Answer: option d

Explanation:

The only brother mentioned can be either Rama's **father** or his **uncle**.

15. Answer: option b

Explanation:

Step 1: Mr. Bean doesn't have siblings.

Step 2: The fellow's father is Mr. Bean's father's only son.

So, it is **Mr. Bean's son's** photo.