

Arrangement Based Exercise 1

Answers and Explanations:

Set 1 : It is given that Quant will be on Friday and Data Sufficiency on Tuesday. Using this data, the incomplete arrangement will look as follows :

_____ x DS x _____ x _____ x Quant x _____ x _____

Also, General Knowledge and Interview have to be scheduled on consecutive days. Now there are 2 possibilities.

Possibility 1 : General Knowledge and Interview sessions are scheduled on day 3 and day 4 ie Wednesday and Thursday in no particular order. This would mean that Legal aptitude will be scheduled on Monday which leaves day 6 or day 7 for Data Interpretation which is not possible as Data Interpretation cannot be scheduled after Quant.

Possibility 2 : General Knowledge and Interview sessions are scheduled on day 6 and day 7 ie Wednesday and Thursday in no particular order. This means that Legal aptitude can be either scheduled on Monday or on Wednesday. But there has to be a gap of exactly 2 days between Legal aptitude and Data Interpretation which will not be possible if Legal aptitude is scheduled on Wednesday.

Therefore, Legal aptitude has to be scheduled on Monday and Data Interpretation on Thursday.

The final schedule of sessions will be as follows:

Legal Aptitude x DS x Rest Day x Data Interpretation x Quant x GK/Interview x GK/Interview

Ans 1 : Option b

Ans 2 : Option a

Ans 3 : Option d

Ans 4 : Option d

Set 2: From the given conditions, the following can be concluded:

1. J1 is not the Jockey of Black, Grey or Brown. Therefore, J1 is the Jockey of either White or spotted. Further it is given that J4 is the Jockey of White horse and therefore J1 is the Jockey of Spotted at position no. 3.

2. Grey and White are at alternate positions and must be at position no 2 and 4 in no particular order. Now J5 is at the first position and is not adjacent to J4. Therefore J4 must be at position no 4 with White while Grey is at position no. 2.

3. J3 is at position no. 5 with Black horse.

J5	J2	J1	J4	J3
Brown	Grey	Spotted	White	Black

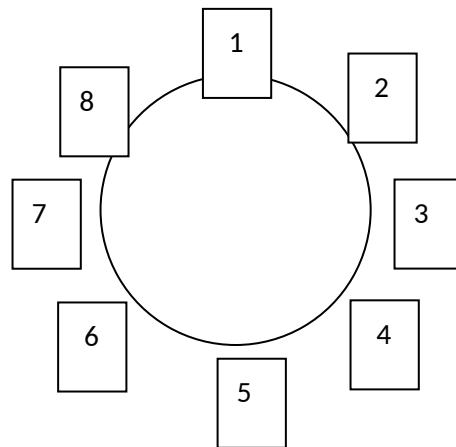
Ans 5: Option b

Ans 6: Option b

Ans 7: Option c

Ans 8: Option a

Set 3: From the information given we can deduce the following :



Let Richa be at position 1. Therefore, Ruchir will be position 5. Also, Richa has boys on either side of her.

Roshni is 2nd to the right of Ruchir and so Roshni will be at position 3. Since Rohit and Rachit are at adjacent places, neither of them will be at position 2 and so Rahul will be at position 2 while Rohit and Rachit will be at positions 8 and 7 in no particular order.

Now the positions left are no 6 and no 4. But Ruchi does not want to sit opposite Rahul and so Ruchi will be at Position 4 while Ritu is at position 6.

Also, there is exactly 1 person between Ritu and Rachit and therefore, Rachit will be at position 8 while Rohit will be at position 7.

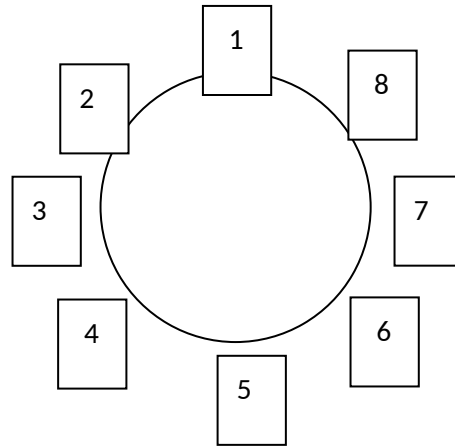
Ans 9 : Option a

Ans 10 : Option c

Ans 11 : Option d

Ans 12 : Option a

Set 4 :



From the given information, the following can be deduced :

1. Mrs Aggarwal is at position 1. Also Mr.Aggarwal and Mr.Verma are at positions that happen to be prime numbers ie any 2 positions out of 2,3,5 and 7.
2. Varsha is 3rd to the left of Mrs.Aggarwal ie Varsha will be at position no. 6 and does not have her father on either side ie Mr.Verma cannot be either at position no 5 or 7. Mr. Verma will be at position no 2 or 3.
3. Aakash is sitting opposite Varsha ie Aakash will be at position 2 which means that Mr.Verma will be at position no 3.
4. Aastha is 4th to the right of Mr.Verma ie Aastha will be at position no 7. Therefore, Mr.Aggarwal will have only 1 position that is a prime no and the position is 5.
5. Now there are 2 positions left nos 4 and 8, one each for Mrs.Verma and Vikrant.
6. No couple is at adjacent positions and therefore Mrs Verma cannot be at position 4. Therefore, Vikrant will be at position 4 while Mrs. Verma will be at position no 8.

Ans 13 : Option a

Ans 14 : Option d

Ans 15 : Option b

Ans 16 : Option b

The team can consist of 2 children Vikrant and Aakash.

Set 5 : Let us try to organize the information provided :

Child	City	Subject	Class
B	Dehradun	Phy/Maths	8 th
A	Indore	Phy	5 th /6 th /7 th
F	Jabalpur	Chemistry	7 th
D	Delhi	Eng	9 th /10 th
C	Coimbatore	Hindi	6 th
E	Chandigarh	Biology	9 th /10 th

Also using the above table, A's class is 5th.

Ans 17 : Option d

Ans 18 : Option c

Ans 19 : Option c

Ans 20 : Option a

Set 6 : From the information given, we can deduce the following :

1. The Sportsman's wife is a Housewife.
2. The Doctor's wife will be either the Engineer or the Teacher. The same is true for the Architect also. Therefore, out of Engineer and Teacher, one of them is married to the Doctor while the other is married to the Architect. Also, it is given that the Architect is not married to the Teacher. Therefore, the Doctor is married to the Teacher while the Architect is married to the Engineer.
3. Now the dentist can be married to either the Engineer or the Lawyer. But the Dentist's husband does not have the same profession as the Architect's wife ie the Dentist's husband is not an Engineer. Therefore the Dentist's husband is the lawyer while the secretary is married to the Engineer.
4. The final data will be as follows :

Engineer-----Secretary

Lawyer----- Dentist

Sportsman----- Housewife

Doctor-----Teacher

Architect-----Engineer

Ans 21 : Option c

Ans 22 : Option d

Ans 23 : Option b

Ans 24 : Option c

Arrangement Based Exercise 2

Answers and Explanations:

Set 1: General Explanation :

The 6 parking spaces are numbered from 1 to 6 from left to right as shown below :

____1____x____2____x____3____x____4____x____5____x____6____

1. The Green Car is at position no 1.
2. The Blue Car has all the other Cars to it's right. Therefore, the Blue Car must be at position no 6. This also means that all the cars are facing towards us.
3. The VP's Car is 4th to the right of the Blue Car. Therefore, the VP's Car is at parking position no. 2.
4. The Sr.Mgr.'s car is at position no. 4.
5. The Black Car is to the immediate right of the Blue Car. Therefore, the Black Car must be at position no.5.

The partial arrangement would be as follows:

Green x VP x _____x Sr.Mgr. x Black x Blue

AGM

Ans 1 : Option b

If the CEO's Car is Yellow, then it has to be at position no.3. Also, the CEO's car is to the immediate left of the Red car and so the VP's car will be Red which means that the Sr.Mgr.'s car is Orange.

Ans 2 : Option b

If there is 1 Car parked between the GM and MD's car, it means that the positions of the GM and MD's cars can be either 1 and 3 or 3 and 5 not in any particular order. Now if the positions are 3 and 5, it would mean that the CEO's car is at position no 1 which cannot be possible. (since it has to be at the immediate left of the Red car).

Therefore, GM and MD's car are at positions 1 and 3 not in any order which further means that the CEO's car is at position no. 5. This would mean that the Sr.Mgr.'s car is Red.

Ans 3 : Option d

Cannot be Determined. The orange car can belong to any one from CEO, VP, Sr.Mgr. or GM.

Ans 4 : Option b

Set 2 :

Ans 5 : Option c

It is given that B visits the Museum and D visits the Library. Therefore, A will go to the Exhibition. Since D visits the Library, therefore, C must have visited on Monday.

____C____x _____x B x _____x D

Now A and E visit on alternate days. Therefore, the only possibility is for A and E to visit on Tuesday and Thursday not in any particular order which means that D will be the one to visit on Friday.

Ans 6 : Option a

A cannot visit on either Monday or Wednesday since A and E have to visit on alternate days. This is not possible because B visits on Wednesday.

Ans 7 : Option b

It is given that A goes to the Museum. Therefore, B will visit the fair on Wednesday. Also, since C visits on Friday, therefore D cannot go to the library. D can go either to the Exhibition or Cinema.

Ans 8 : Option c

The person who will visit on Thursday has to be either A or E.

Set 3 : Basic Explanation based on details :

1. It is given that Alok and Vijaya have exactly 1 common subject in which they are experts. It cannot be Java, since Vijaya and Nagendra are experts in Java. Therefore, the common subject in which both Alok and Vijaya are experts is C prog.
2. Also, there is exactly 1 common subject between Nagendra and Anand. This subject has to be .Net.
3. The subjects in which they are experts will be as follows :
Nagendra : Java and .Net
Vijaya : Java and C Prog.
Chatto : CCNA and Oracle.
Alok : C Prog and CCNA/Oracle
Anand : .Net and CCNA/Oracle

4. Chatto takes a class on Monday while CCNA is taught on Wednesday. Therefore, Chatto will teach Oracle on Monday, while CCNA will be taught by either Alok or Anand.

Ans 9 : Option b

Since Anand takes a class on Wednesday, it has to be CCNA. Therefore the 2 subjects that Alok is qualified to teach will be C and Oracle.

Ans 10 : Option c

If Nagendra takes a class on Tuesday, it cannot be Java which has to be conducted on either Thursday or Friday. Vijaya is the other teacher qualified to take Java and so Vijaya will definitely take a class on either Thursday or Friday.

Ans 11 : Option d

The .Net class can be scheduled on all days except Monday and Wednesday ie the complete list will be Tuesday, Thursday or Friday.

Ans 12 : Option a

If Java is scheduled on Friday and Vijaya takes a class on Tuesday, then Java will be taken by Nagendra while Vijaya will teach C prog. It would mean that Alok has to teach either CCNA or Oracle but Oracle is taught by Chatto on Monday. Therefore, Alok will teach CCNA.

Set 4 : General Explanation :

1. The Teacher has only 1 family as the immediate neighbour. Therefore, the Teacher will be staying either on Floor 1 or Floor 6. But a team formed of people living on Floors 2,3 and 6 does not include the Teacher. Therefore, the Teacher must be on Floor 1.
2. The team formed of people living on Floors 2,3 and 6 has the Judge, the Medical Representative and the Artist. Now since the Judge lives 2 floors above the Doctor, the Judge cannot be on Floor 2 or 3. Therefore, the Judge lives on Floor 6 and the Doctor lives on Floor no 4.
3. The Medical Representative and Artist are on Floors 2 and 3 not in any order.
4. This would mean that the Lawyer is on Floor no. 5.
5. The partial arrangement would be as under :
Floor 6 : Judge
Floor 5 : Lawyer
Floor 4 : Doctor
Floor 3 : MR or Artist
Floor 2 : MR or Artist

Floor 1 : Teacher

Ans 13 : Option d

It can be either Medical Representative or Artist.

Ans 14 : Option c

Ans 15 : Option a

If the artist lives 2 Floors above the Teacher ie Floor no 3, the Medical Representative must live 3 Floors below the Lawyer ie Floor no. 2.

Ans 16 : Option c

Set 5 : General Explanation for Qs 17 and 18 :

S : Yellow : 1 or 9

R : Blue : 10

T : White : 1 or 9

Q : Red : 3

P : Black : 7

Ans 17 : Option b

Ans 18 : Option a

General Explanation for Qs. 19 and 20 :

R : Yellow or White :10

T : Yellow or white :1/9

Q : Red :

S : Blue or Black

P : Blue or Black

Ans 19 : Option d

Either Blue or Black.

Ans 20 : Option d

Ans 21 : Option c

Ans 22 : Option a

A can occupy all the positions except the 3rd position.

Ans 23 : Option b

The original positions would have been

English

Chemistry

Physics

Maths

Biology

Ans 24 : Option c

R beat both Q and S. Also there was exactly 1 person who finished between Q and R ie R actually would have beaten 3 people in the Race. Now R could have been either first or second but it is given that R did not win the race. Therefore, R must have come at second place.

Arrangement Based Exercise 3

Set 1 :

General Explanations :

1. Neha treated at neither Rajpur Road nor Ballupur. Also, since Alok treated at Vasant Vihar, Neha must have treated at either Ghantaghar or Chakrata. Also she must have treated with either Mughlai or Mexican.
2. Amit gave a treat of Mughlai at Chakrata. So, Neha must have treated with Mexican at Ghantaghar.
3. The partial information can be compiled as follows :
Alok : Town Table : Vasant Vihar : Continental
Neha : Quality/Minar/Kumar Sweets : Ghantaghar : Mexican
Amit : Mezbaan : Chakrata : Mughlai
4. Quality at Rajpur Road specializes in South Indian. Therefore, Neha did not treat at Quality. Also, Kumar Sweets is located at Ballupur whereas Neha treated at Ghantaghar. So Neha must have treated at Minar.
5. Kuldeep gave a treat at Kumar Sweets in Ballupur. It can specialise in either South Indian or Chinese. Also, the restaurant at Rajpur Road specializes in South Indian and so Kumar Sweets must specialise in Chinese.
6. The Final Information is as follows:
Alok:Town Table:Vasant Vihar:Continental
Neha : Minar : Ghantaghar : Mexican
Amit : Mezbaan : Chakrata : Mughlai
Kuldeep : Kumar Sweets : Ballupur : Chinese
Nishant : Quality : Rajpur Road : South Indian.

Ans 1 : Option b

Ans 2 : Option d

Ans 3 : Option d

Ans 4 : Option b

Ans 5 : Option d

Set 2 : General Explanations :

1. The Teams that have played in the Finals at least once in the last 5 editions are Australia, India, Sri Lanka, New Zealand, South Africa, England and Pakistan a total of 7 teams that took the 10 positions mentioned.
2. Australia has played in at least 3 Finals and Sri Lanka in at least 2 Finals since both of them have won as well as been Runners-up. So 5 positions have been

occupied by these 2 teams and the remaining 5 positions, one each by India, New Zealand, South Africa, England and Pakistan.

3. Since no team played in 2 consecutive Finals, therefore Australia must have played in the 1st, 3rd and 5th Finals winning 2 of them. The Finals that Australia won was neither at Melbourne nor at Lords. It cannot be Mumbai also, since India won at Mumbai. Therefore, Australia must have won the Finals at Kingsmead and Colombo.

4. Partial Information can be compiled as follows :

Kingsmead : Australia v/s Sri Lanka

Lords : South Africa v/s Pakistan

Colombo : Australia v/s New Zealand

Mumbai : India v/s Australia

Melbourne : Sri Lanka v/s England

5. The above is in no particular order.

Ans 6 : Option a

Ans 7 : Option b

Ans 8 : Option c

Ans 9 : Option c

If the first Finals was at Kingsmead, it has to be between Australia and Sri Lanka. Now the 2nd match cannot involve either Sri Lanka or Australia. Therefore, the 2nd Finals would be between South Africa and Pakistan at Lords.

Ans 10 : Option a

It is given that the 3rd Finals between India and Australia was played at Mumbai. There are 2 possible Cases

1st Final : Kingsmead : Australia v/s Sri Lanka

2nd Final : Lords : South Africa v/s Pakistan

3rd Final : Mumbai : India v/s Australia

4th Final : Melbourne : Sri Lanka v/s England

5th Final : Colombo : Australia v/s New Zealand

2nd Case :

1st Final : Colombo : Australia v/s New Zealand

2nd Final : Melbourne : Sri Lanka v/s England

3rd Final : Mumbai : India v/s Australia

4th Final : Lords : South Africa v/s Pakistan

5th Final : Kingsmead : Australia v/s Srilanka

Set 3 : General Explanations :

The partial information can be compiled as follows :

A/B/C/D/E : Mr Chand : Bluebird School : Class 3 or 4

A/B/E : Anne Mary : Class 2

A/C/D/E : Mr. Dua : Doon Scottish : Class 5

Elenor : Children's Academy : Class 3 or 4

A/B/C/D: English School : Class 1

1. The child whose application was submitted to Anne Mary cannot be Elenor. This child is therefore either Aakash or Bipin. Now Aakash's application is for class 3 while the one submitted to Anne Mary is for class 2. Therefore, this child cannot be Aakash and so this child is Bipin and his Father is Anand.
2. Mr. Dua's child is neither Aakash nor Elenor. This cannot be Dheeraj also since the names of no father son combination started with the same alphabet. This child is therefore Chandra.
3. The child whose application was submitted to the English School is not Bipin or Chandra. Further, it cannot be Aakash since the application for Aakash was for class 3. Therefore, this child is Dheeraj.
4. Mr. Chand's child cannot be Bipin, Chandra, Dheeraj or Elenor and so Mr.Chand's child is Aakash and the application submitted was for Class 3.

Aakash : Chand : Bluebird : Class 3

Bipin : Anand : Anne Mary : Class 2

Chandra : Dua : Doon Scottish : Class 5

Dheeraj : Banerjee or Elengovan : English School : Class 1

Elenor : Banerjee or Elengovan : Children's Academy : Class 4

5. Elenor cannot be the child of Mr.Elengovan and so Dheeraj's father is Mr. Elengovan while Elenor's father is Mr.Banerjee.

Ans 11 : Option b

Ans 12 : Option d

Ans 13 : Option a

Ans 14 : Option a

Ans 15 : Option d

Set 4 : General Explanation :

In this question, we will try to place them from 1st to 6th based on the number of votes that each one got.

1st Position : PBJ : Mr. Vinod Pal : Flag

2nd Position : Mr.Gupta : PC : Sword

3rd Position : Ms. Santosh : SBP : Cycle/Lotus

4th Position : Mr. Shukla / Mr. Ashok : RP : Cycle/Lotus

5th Position : Mr. Shukla / Mr. Ashok : DA : Lantern

6th Position : Elephant : Mr. Bimal : PS

Ans 16 : Option b

Ans 17 : Option d

Ans 18 : Option b

Ans 19 : Option a

Ans 20 : Option a

Set 5 : General Explanations

1. There were 3 items common between Tabish and Vansh ie they must have contributed either 3 and 4 items or 4 and 5 items not in any order. Since, none of them contributed the maximum number of items, they must have contributed 3 and 4 items.
2. The above statement would further lead to the fact that Soumya must have contributed 2 items while Rishi must have contributed 1 item.
3. Therefore, Uppi must have contributed all the 5 items.

Contributions from people :

Rishi : 1 item

Soumya : 2 items

Tabish / Vansh : 3 items

Tabish / Vansh : 4 items

Uppi : 5 items

Contributions of items:

Stamps : 1 person

Shapes : 2 people

Marbles : 3 people or 4 people

Crayons : 4 people or 5 people

Coins : 5 people or 3 people

Ans 21 : Option d

Either Crayons or Coins

Ans 22 : Option a

Ans 23 : Option d

Either Tabish or Vansh

Ans 24 : Option d

Ans 25 : Option c