

Arrangement Based: Exercise 1

Set 1 : Reyu was preparing the schedule of classes for the next week at ACE. There are six sessions that need to be scheduled from Monday to Sunday of the week with a day of rest. The sessions will be on Quant, Data Interpretation, Legal Aptitude, General Knowledge, Data Sufficiency and Interview Skills not necessarily in the same order. Further conditions are as under :

1. The class on Data Interpretation cannot be scheduled after Quant.
2. Legal Aptitude has to be scheduled in the first 3 days of the week.
3. Due to resource constraint, General knowledge and Interview Skills have to be scheduled on consecutive days not necessarily in the same order.
4. Data Sufficiency is on Tuesday and Quant scheduled on Friday.
5. There is a gap of exactly 2 days between Legal Aptitude and Data Interpretation.

Q1 : On which day has Reyu scheduled the Rest for the class?

- a. Monday b. Wednesday c. Thursday d. Saturday

Q2 : Which is the class scheduled on Thursday?

- a. Data Interpretation b. Legal Aptitude c. General Knowledge
d. Interview Skills.

Q3 : When is the class on Interview skills scheduled ?

- a. Saturday b. Wednesday c. Sunday d. Cannot be Determined.

Q4 : Which of the following statements is definitely false ?

- a. Interview Concepts is the last class to be scheduled in the week.
b. Data Interpretation is scheduled immediately before Quant.
c. General Knowledge is scheduled on Saturday.
d. Rest day is immediately after Legal Reasoning class.

Set 2 : 5 horses named Black, Grey, Brown, White and Spotted are standing in a row to begin the derby race of the season. Their Jockeys are also standing with them in the same position as their horses. The Jockeys are called J1, J2, J3, J4 and J5 in no particular order. Further information is as under :

1. J1 is not the Jockey of the Black, Grey or Brown horse and is in the middlemost position.
2. Grey and White are at alternate positions.

3. J3 is at an extreme position and is the jockey of either Grey or Black.
4. J4 is the Jockey of the White horse.
5. J5 is the Jockey of the first horse from the left and is not adjacent to J4.

Q5 : Who is the Jockey of the Grey horse ?

- a. J1 b. J2 c. J3 d. J4

Q6 : What can be said about the following 2 statements

1. J2 and J4 are at alternate positions.
 2. J1 and J4 are at adjacent positions.
- a. Both statements are false.
b. Both statements are true.
c. Statement 1 is false while 2 is true.
d. Statement 1 is true while 2 is false.

Q7: Which of the following combination of Jockey and horse is not correct ?

- a. J2, Grey b. J5, Brown c. J3, White d. J1, Spotted

Q8: Which horse is 3rd to the right of the white horse?

- a. Brown b. Grey c. Spotted d. Cannot be determined

Set 3 : 4 girls Richa, Ruchi, Ritu and Roshni and 4 boys Rahul, Rohit, Rachit and Ruchir are sitting around a circular table for having dinner. They are sitting at equal distances from each other. Further information is as follows:

- a. Richa is sitting opposite Ruchir and has boys on either side of her.
- b. Roshni is 2nd to the right of Ruchir.
- c. Rohit and Rachit are at adjacent places .
- d. Ruchi does not want to sit diagonally opposite Rahul.
- e. There is exactly 1 person between Ritu and Rachit.

Q9 : Who is sitting 3rd to the left of Ruchir ?

- a. Rachit b. Rohit c. Rahul d. Cannot be Determined

Q10 : Which one of the following gives the correct position of Richa?

- a. 3rd to the right of Roshni.
- b. 2nd to the left of Rachit.
- c. 3rd to the left of Ritu.
- d. Immediate left of Rohit.

Q11: If Ritu's position is no.1 and all the other positions are numbered anticlockwise, what will be the position of Rahul?

- a. 3 b. 4 c. 6 d. 5

Q12 : Who is sitting opposite Roshni?

- a. Rohit b. Ruchir c. Rachit d. Cannot be determined

Set 4 : Mr and Mrs Aggarwal their son Aakash, daughter Aastha have been seated at a circular table for having Dinner with the Vermas. The Verma family consists of Mr. and Mrs. Verma, their daughter Varsha and son Vikrant. Further information is as follows :

1. Mrs. Aggarwal is at a position which is numbered 1 while all the other positions are numbered accordingly from 2 to 8 in the same order moving to her right.
2. Mr. Aggarwal and Mr.Verma are at positions that are prime numbers.
3. Varsha is 3rd to the left of Mrs. Aggarwal and does not have her father sitting on either side of her seat.
4. Aakash is sitting opposite Varsha.
5. Aastha is 4th to the right of Mr.Verma.
6. None of the couples occupy adjacent positions.

Q13 : Who is sitting opposite Mrs Aggarwal?

- a. Mr. Aggarwal b. Mr.Verma c. Vikrant d. Aakash

Q14 : Aastha is sitting between

- a. Vikrant and Varsha b. Varsha and Mr.Aggarwal c. Mr. Aggarwal and Mrs. Verma d. Mrs Verma and Varsha

Q15 : Who is 4th to the right of Aakash?

- a. Mr.Aggarwal b. Varsha c. Aastha d. None of these

Q16 : If a team is formed consisting of all those children who have atleast one of their parents as neighbours, then what will be the strength of this team?

- a. 1 b. 2 c. 3 d. 4

Set 5 : 6 children A,B,C,D,E & F study in 6 different cities Delhi, Indore, Jabalpur, Coimbatore, Dehradun and Chandigarh but not necessarily in any order. They are studying in class 5th,6th,7th,8th,9th and 10th not necessarily in order and their favourite subjects are Physics, Chemistry, Maths, Biology, Hindi and English not necessarily in order. Further information is as under:

1. The one studying in Dehradun is in class 8th does not like Hindi or Chemistry.
2. A's favourite subject is physics and he stays in Indore.
3. Biology and English are only taught in class 9th and 10th one in each class but not in any order.
4. F is the child studying in class 7th in Jabalpur.
5. D's favorite subject is English.
6. Hindi is the favorite subject of the child studying in class 6th in Coimbatore.
7. E stays in Chandigarh and B in Dehradun.

Q17 : The child studying in 9th standard is in which city?

- a. Delhi b. Chandigarh c. Coimbatore d. Cannot be determined

Q18 : The child who likes to study Physics is in which class?

- a. 6th b. 7th c. 5th d. 8th

Q19 : Which of the following combination of child-subject-city and class is incorrect

- a. F-Chemistry-Jabalpur-7th
 b. C-Hindi-Coimbatore-6th
 c. A-Physics-Indore-8th
 d. B-Maths-Dehradun-8th

Q20 : The child who likes to study Biology is in which city?

- a. Chandigarh b. Indore c. Delhi d. Cannot be Determined.

Set 6 : 5 people an Engineer, a Doctor , an architect , a lawyer and a Sportsman are married to a Dentist , an Engineer , a secretary, a housewife and a Teacher not necessarily in the same order. Further Information is as follows:

1. No one is married to a person of the same profession.
2. Neither the Dentist nor the secretary is married to the Doctor or the Architect.
3. The Sportsman's wife is a Housewife.
4. The architect is not married to the teacher.
5. The Dentist's husband does not have the same profession as the Architect's wife.

Q21 : Who is the Lawyer's wife ?

- a. Secretary b. Teacher c. Dentist d. Engineer

Q22 : Who is the Engineer married to ?

- a. Secretary b. Teacher c. Architect d. Cannot be determined

Q23 : What is the profession of the Doctor's wife?

- a. Teacher b. Secretary c. Housewife d. Engineer

Q24 : Which of the following statements is true?

- a. The lawyer is married to the secretary.
- b. The sportsman is married to the engineer.
- c. The Architect's wife has the same profession as the secretary's husband.
- d. The Doctor is married to the Dentist.

Arrangement Based: Exercise 2

Set 1 : In the parking lot of ABC Ltd., 6 parking spaces numbered 1 to 6 from left to right have been reserved for parking the cars of the CEO, the MD, GM, VP, AGM and Sr.Mgr. not in any particular order. The colour of the cars are Red, Blue, Black, Green, Yellow and Orange not in any particular order. There is exactly 1 car assigned to be parked per space. Further Information is as follows:

1. The AGM's car which is Blue in colour has all the other cars to it's right.
2. The CEO's car is to the immediate left of the Red car.
3. The Sr.Mgr.'s parking space is number 4.
4. The VP's car is fourth to the right of the AGM's car.
5. Parking space number 1 is occupied by the Green car.
6. The Black car is to the immediate right of the AGM's car.

Q1 : If the CEO's car is Yellow, then what is the colour of the Sr.Mgr.'s car?

- a. Blue b. Orange c. Black d. Cannot be Determined

Q2 : If there is exactly 1 car parked between the GM and the MD's car, who owns the Red coloured car?

- a. CEO b. Sr.Mgr. c. VP d. GM

Q3 : If the MD's car is Green in colour, then who owns the Orange coloured car?

- a. CEO b. GM c. Sr.Mgr. d. Cannot be Determined

Q4 : What is the parking space of the AGM's car?

- a. 3 b. 6 c. 4 d. 5

Set 2 : 5 friends A,B,C,D and E visit 5 different places Library, Museum, Fair, Cinema and Exhibition on 5 different days of a week from Monday to Friday not in any particular order. Further information is as follows:

1. A will go either to the Museum or Exhibition.
2. D will go to a Library if and only if C visits a place on Monday.
3. B will visit either the Fair or Museum on Wednesday.
4. A and E will always visit on alternate days.

Q5 : If B and D visit the Museum and Library respectively, then who among the following visits on Friday?

- a. A b. B c. D d. E

Q6 : Which of the following could be a complete and accurate list of the days on which A visits any of the mentioned places?

- a. Tuesday, Thursday
- b. Wednesday, Friday
- c. Tuesday, Friday
- d. Monday, Wednesday

Q7 : If C visits on Friday and A goes to the Museum, then D can visit which of the following places?

- a. Cinema
Library
- b. Cinema or Exhibition
- c. Exhibition
- d.

Q8 : Who among the following can be the person who visits one of the places on Thursday?

- a. D
- b. C
- c. E
- d. B

Set 3 : 5 Teachers Nagendra, Chatto, Vijaya, Alok and Anand have to take classes for exactly 1 subject out of Java, .Net, Oracle, C and CCNA in a particular week from Monday to Friday. Each subject is taught for exactly 1 day during the week. Further each of the teachers is qualified to take exactly 2 out of the 5 subjects and each subject can be taught by exactly any one out of 2 available teachers who are experts. Further information is as follows:

1. The Java class will be conducted on either Thursday or Friday.
2. Vijaya can take classes on Java and C.
3. Chatto will take a class on Monday while CCNA will be taught on Wednesday.
4. Nagendra is an expert teacher of Java and .Net.
5. No 2 teachers are experts in the same 2 subjects.
6. Chatto is an expert on CCNA and Oracle.
7. Alok and Vijaya have exactly 1 common subject in which both are considered to be experts. The same is true for Nagendra and Anand also.

Q9 : If Anand takes a class on Wednesday, then what are the 2 subjects that Alok is qualified to teach?

- a. C, CCNA
Determined
- b. C, Oracle
- c. .Net, Oracle
- d. Cannot be

Q10 : If Nagendra takes a class on Tuesday, then who among the following will definitely take a class on either Thursday or Friday?

- a. Anand
Determined
- b. Chatto
- c. Vijaya
- d. Cannot be

Q11 : Which of the following is a complete and accurate list of the days on which the .Net class can be scheduled?

- a. Tue or Thu b. Tue or Fri c. Thu or Fri d. None of These

Q12 : If Java is scheduled on Friday and Vijaya takes a class on Tuesday, then which subject does Alok teach?

- a. CCNA b. Oracle c. .Net d. Cannot be Determined

Set 4 : 6 families stay , one on each floor of a 6 storey building (ground is no 1 and top floor is no.6). The occupation of the owners are Medical Representative, Judge, Artist, Lawyer, Doctor and Teacher not in any particular order. Further information is as follows :

1. The Judge lives 2 Floors above the Doctor.
2. The Teacher has only 1 family as the immediate neighbour.
3. If a Team is formed consisting of people living in Floors 2,3 and 6, it would have the Judge, Medical Representative and Artist not in any particular order.

Q13 : Who lives on Floor No.3 ?

- a. Artist b. Medical Representative c. Judge d. Cannot be Determined

Q14 : On which Floor does the Lawyer live?

- a. 2 b. 3 c. 5 d. 4

Q15 : If the artist lives 2 Floors above the Teacher, then who lives 3 Floors below the Lawyer?

- a. Medical Representative b. Doctor c. Teacher d. Cannot be Determined

Q16 : How many Floors are there between the Teacher and the Judge?

- a. 2 b. 3 c. 4 d. 5

Set 5 : 5 stars P,Q,R,S and T have to wear jerseys of Red, Blue, Yellow, Black and White not in any particular order for an exhibition football match. The Jerseys have numbers 1,3,7,9 and 10 on them not in any order. Further information is as follows:

1. R wears Jersey number 10 and Q wears the Red Jersey.
2. S will wear the Yellow jersey only if R wears the Blue jersey.

3. The Black Jersey has the number 7 on it.
4. T wears either the White Jersey or the Yellow jersey, both of which do not have the number 3 on it.

Additional Information for Qs 17 and 18 :

S wears a Yellow jersey.

Q17 : Who will wear jersey no 3 ?

- | | | | |
|------|------|------|-------------------------|
| a. P | b. Q | c. R | d. Cannot be Determined |
|------|------|------|-------------------------|

Q18 : What is the colour of the jersey worn by T?

- | | | | |
|----------|---------|----------|--------|
| a. White | b. Blue | c. Black | d. Red |
|----------|---------|----------|--------|

Additional information for Qs 19 and 20 :

R does not wear the Blue jersey.

Q19 : What is the colour of the jersey worn by S?

- | | | | |
|----------|----------|-----------|-------------------------|
| a. Black | b. White | c. Yellow | d. Cannot be Determined |
|----------|----------|-----------|-------------------------|

Q20 : If T wears the White Jersey, then what is the number on the yellow jersey?

- | | | | |
|----------|---------|---------|-----------|
| a. No. 1 | b. No.9 | c. No.3 | d. No. 10 |
|----------|---------|---------|-----------|

Directions for Qs. 21 to 24 : Answer these questions independently of each other :

Q21 : 5 persons are standing in a straight line in the decreasing order of their height from left to right. A is taller than D but shorter than both B and C. D is shorter than E. Who among the following is the shortest in the group?

- | | | | |
|------|------|------|-------------------------|
| a. B | b. C | c. D | d. Cannot be Determined |
|------|------|------|-------------------------|

Q22 : In a group of 5 people standing in a line, B is neither the first nor the last and does not have A as his neighbour. How many possible positions can A occupy?

- | | | | |
|------|------|------|------|
| a. 4 | b. 3 | c. 2 | d. 1 |
|------|------|------|------|

Q23 : 5 books are placed on top of each other. If the Chemistry Book is interchanged with the Maths book, it will have Physics and Biology on top and bottom respectively while the Maths Book will have Physics and English on top and

bottom not in any order. What is the original position of the Physics book from the bottom?

- a. 2nd
Determined
- b. 3rd
- c. 4th
- d. Cannot be

Q24 : 5 people P,Q,R,S and T participated in a race in which no 2 people finished at the same position. R did not come first and beat Q and S in the race. There was exactly 1 person who finished the race between Q and S. Who came 2nd in the race?

- a. P
- b. Q
- c. R
- d. T

Arrangement Based Exercise 3

Set 1 : 5 friends Alok, Nishant, Neha, Kuldeep and Amit decided to treat each other in a way such that each one would give a treat at a popular restaurant in the city. They gave their treats in 5 restaurants called Kumar Sweets, Quality, Mezbaan, Minar and Town Table not in any order. The restaurants are located at Ghantaghar, Rajpur Road, Ballupur, Chakrata and Vasant Vihar not in any order and specialise in South Indian, Mughlai, Continental, Chinese and Mexican not in any order. Further information is as follows :

1. Alok gave a treat of Continental at Vasant Vihar.
2. The restaurant that Neha treated at is neither located at Rajpur Road nor Ballupur and does not specialise in either South Indian or Chinese.
3. Amit gave a treat of Mughlai at Chakrata.
4. Quality is located at Rajpur Road and Town Table at Vasant Vihar.
5. Kuldeep gave a treat at Kumar sweets located at Ballupur.
6. Mezbaan is known for its Mughlai food.
7. The Restaurant at Rajpur road specializes in South Indian.

Q1 : What does Kumar Sweets specialise in ?

- a. South Indian b. Chinese c. Mughlai d. Continental.

Q2 : At which restaurant did Neha give a treat to the group?

- a. Mezbaan b. Kumar Sweets c. Quality d. Minar

Q3 : Which of the 2 friends give a treat at Restaurants starting with the same alphabet?

- a. Kuldeep and Nishant
b. Amit and Nishant
c. Alok and Kuldeep
d. Neha and Amit

Q4 : Where is the restaurant specializing in Mexican located at?

- a. Chakrata b. Ghantaghar c. Ballupur d. Rajpur Road

Q5 : Who gave a treat at Rajpur Road?

- a. Neha b. Kuldeep c. Alok d. Nishant

Set 2 : Amitabh Banerjee, the expert statistician was compiling the results of the Finals of the last 5 editions of world cup cricket. There were 2 teams which played the Final Match in each of the world cups. The Finals of the last 5 editions of the world cup were played at Mumbai, Kingsmead, Melbourne, Lords and Colombo not in any order. Further Information is as follows :

1. Australia won 2 out of the 5 world cups but neither at Melbourne nor at Lords.
2. India won the world cup finals at Mumbai.
3. Team Sri Lanka has played in exactly 2 out of the 5 finals and have won the world cup once.
4. New Zealand played the finals in Colombo and South Africa won the world cup at Lords.

5. Besides Sri Lanka, Australia is the only other team to have won as well as been a Runner-up in the world cup finals.
6. England and Pakistan lost to Sri Lanka and South Africa respectively in the finals of the world cup.
7. There was no team that played in the finals of 2 consecutive world cups.

Q6 : Where did Sri Lanka win the world cup finals?

- a. Melbourne b. Colombo c. Kingsmead d. Cannot be Determined

Q7 : Which team did India beat to win the world cup finals?

- a. Sri Lanka b. Australia c. England d. Cannot be Determined.

Q8 : How many teams have played in exactly one out of the last 5 world cup finals?

- a. 3 b. 4 c. 5 d. 6

Q9 : If the first of the mentioned 5 world cup finals was at Kingsmead, where was the 2nd world cup finals played?

- a. Mumbai b. Melbourne c. Lords d. Cannot be Determined.

Q10 : If the 3rd Finals was played at Mumbai, in how many different ways could the 5 finals have been played?

- a. 2 b. 3 c. 4 d. 5

Set 3 : 5 parents Mr.Anand, Mr.Banerjee, Mr.Chand, Mr.Dua and Mr.Elengovan applied for getting their kids admitted to classes 1,2,3,4 and 5 not in any particular order. Their children were Aakash, Bipin, Chandra, Dheeraj and Elenor not in any particular order and the application were to Anne Mary, Bluebird, Children's academy, Doon Scottish and English school not in any order. Further information is as follows:

1. The application by Mr.Chand was for Bluebird School.
2. Aakash's father is neither Mr.Dua nor Elengovan and his application was for Class 3.
3. The application submitted to Anne Mary was for class 2 but was not for either Chandra or Dheeraj.
4. Bipin's father is Mr.Anand.
5. Mr. Dua submitted an application to Doon Scottish academy for his child's admission to class 5th.
6. The English School will only accept admissions in class 1.
7. Elenor's application was submitted to the Children's academy.
8. There was no Parent child combination where the names started with the same alphabet.

Q11 : Which parent submitted application to the English School?

- a. Mr.Dua b. Mr.Elengovan c. Mr.Anand d. Mr. Chand

Q12 : To which class was Chandra's application submitted?

- a. Class 2 b. Class 3 c. Class 4 d. Class 5

Q13 : Mr.Chand is the parent of which child?

- a. Aakash b. Bipin c. Chandra d. Dheeraj

Q14 : The Bluebird school received an application from which child?

- a. Aakash b. Bipin c. Elenor d. Dheeraj

Q15 : Who is the father of Dheeraj?

a. Mr.Dua b. Mr. Chand c. Mr. Anand d. Mr.Elengovan

Set 4 : 6 candidates from 6 different parties were in the fray for the Cantt. Seat in the assembly elections. The candidates were Mr.Gupta, Mr.Shukla, Mr.Bimal, Ms. Santosh, Mr.Vinod Pal and Mr. Ashok and were representing SBP, PBJ, PS, PC, DA and RP not in any particular order. Their party symbols were Cycle, Lantern, Elephant, Lotus, Sword and Flag not in any particular order. Further information is as follows :

1. The candidate representing PBJ got the maximum votes.
2. Mr. Shukla and Mr. Ashok were not among the first 3 places and neither had the Elephant as the party symbol.
3. The candidate representing the Party with the Elephant symbol finished 6th.
4. Ms. Santosh representing the SBP was placed 3rd.
5. Mr. Vinod Pal represented the party with the Flag symbol.
6. Mr. Gupta represented the PC party and had the Sword as the symbol.
7. Lantern was the symbol of the DA party.
8. The RP party got more votes than the DA party.

Q16: If Mr. Shukla represents the party with the symbol Cycle, then who represents the party with the Lotus symbol?

a. Vinod Pal b. Santosh c. Bimal d. Ashok

Q17 : Which party does Mr.Ashok represent?

a. PS b. RP c. DA d. Cannot be Determined

Q18 : What was the party symbol of the party that was placed 5th in the elections?

a. Cycle b. Lantern c. Lotus d. Cannot be Determined

Q19 : If Lotus is the symbol of the SBP party, what will be the symbol of the RP party?

a. Cycle b. Flag c. Sword d. Lantern

Q20 : Which party got the least number of votes?

a. PS b. DA c. RP d. Cannot be Determined

Set 5 : 5 children Rishi, Soumya, Tabish, Uppi and Vansh formed a hobbies club where each child would contribute items from his collection to the club. The children contributed Coins, Stamps, Marbles, Crayons and Shapes not in any order. On observation, it was found that each one contributed a different number of items ie one person contributed exactly one item, the other two items, the 3rd one three items and so on. Further one of the items was contributed by all five children, the other by 4 children, the 3rd one by 3 children and so on. Further conditions are as follows:

1. Soumya contributed exactly one item that Rishi did not contribute.
2. There were exactly 3 items common between Tabish and Vansh but none of them contributed the maximum number of items.
3. The number of people who contributed crayons was one more than the number of people who contributed marbles.
4. Stamps was contributed by only one person.
5. Only Uppi and Tabish contributed shapes.

Q21 : What is the item contributed by the person who contributed exactly 1 item?

a. Crayons b. Coins c. Marbles d. Cannot be Determined
Q22 : For how many of the children mentioned, the name of the items contributed by them be uniquely determined?

a. 3 b. 4 c. 2 d. 5

Q23 : Which child contributed exactly 3 items?

a. Tabish b. Uppi c. Vansh d. Cannot be Determined

Q24 : If all of them contributed coins, then what are the item(s) contributed by Soumya?

a. Crayons b. Coins c. Coins, Marbles d. Crayons, Coins

Q25 : Which child contributed the lowest number of items?

a. Soumya b. Tabish c. Rishi d. Vansh