

HIGH LEVEL REASONING PUZZLES

100 QUESTIONS & SOLUTIONS



Directions for Questions 01-05: Answer the questions on the basis of the following information

There are five persons Sarthak, Prachi, Rohan, Kanika and Gagan. Two of them are Doctors, while other three are Engineer, Architect and Chartered Accountant. A doctor and the Chartered Accountant own a same car Superb. The other three own different cars viz. City, Innova and Verna. Two of the five persons stay in Mumbai, while the other three persons live in three different cities viz. Delhi, Pune and Bangalore. The Chartered Accountant is the tallest, while the doctor who is an ENT is the shortest. The other doctor is an eye specialist and lies between the Engineer and Chartered Accountant height wise. Kanika is an eye specialist and owns Superb while Gagan lives in Delhi and owns a Verna. The engineer lives in Pune and owns a City. Prachi lives in Bangalore, while Sarthak lives in Mumbai and is an ENT.

Q1. What is Prachi by profession?

- A) Engineer
 - B) Chartered Accountant
 - C) Architect
 - D) Doctor
 - E) Cannot be determined
-

Q2. What is Gagan by profession?

- A) Engineer
 - B) Chartered Accountant
 - C) Architect
 - D) Doctor
 - E) Cannot be determined
-

Q3. What is Rohan by profession?

- A) Engineer
 - B) Chartered Accountant
 - C) Architect
 - D) Doctor
 - E) Cannot be determined
-

Q4. Height-wise, who among the following lies between Sarthak and Rohan?

- A) Chartered Accountant
- B) Engineer
- C) Eye Specialist
- D) Cannot be determined
- E) None of these

Q5. Which of the following statements is correct?

- A) Gagan lives in Mumbai
- B) Sarthak owns a Verna
- C) Rohan is a Chartered Accountant
- D) Kanika lives in Mumbai
- E) Prachi is an Engineer

Correct Answers

Q1 – B

Q2 – C

Q3 – A

Q4 – E

Q5 - D

Explanation/Solution -:

From the given clues there are five persons with four different professions living in four different cities owning four different cars. They all have different height. Following table can be made, in which rank 1 is given to the tallest and 5 to the shortest:

Person	Profession	Place	Car	Height
Sarthak	Doctor (ENT)	Mumbai		5
Prachi		Bangalore		
Rohan				
Kanika	Doctor (Eye specialist)		Superb	
Gagan		Delhi	Verna	

Since, the engineer lives in Pune and owns a city, he must be Rohan. Further, a Chartered Accountant and a doctor (eye specialist) owns a superb implies Prachi is the Chartered

Accountant and Sarthak owns Innova, Gagan is an Architect and Kanika lives in Mumbai. As Prachi is the Chartered Accountant, she is the tallest and the eye specialist lies between Chartered Accountant and Engineer height-wise implies rank in terms of height of Eye specialist and Engineer is 2 and 3 respectively. Therefore, rank of Gagan, the architect is 4. Following is the final table:

Person	Profession	Place	Car	Height
Sarthak	Doctor (ENT)	Mumbai	Innova	5
Prachi	Chartered Accountant	Bangalore	Superb	1
Rohan	Engineer	Pune	City	3
Kanika	Doctor (Eye specialist)	Mumbai	Superb	2
Gagan	Architect	Delhi	Verna	4

Directions for Questions 06 - 08: Answer the questions on the basis of the information given below.

P and Q are two boys and R and S are two girls. There are four adults, out of which A and B are two men and C and D are two women. There are two cars - Swift and Jazz - each of which can accommodate four persons only. Two children and two adults must be in one car. P and B cannot be in one car. A and S cannot go in one car. C and D cannot go in one car. There must be two males and two females in each car.

Q6. If A and P go in one car, then who can be the other two members in the car?

- A) B and Q
- B) D and R
- C) B and C
- D) D and C
- E) None of these

Q7. Which of the following statements is definitely true?

- A) A, D, P and R is not a correct combination
- B) B, C, Q and S is not a correct combination
- C) A, B, P and R can go in one car
- D) A, D, P and R can go in one car
- E) None of these

Q8. Which of the following can be acceptable combinations of the people in Swift and Jazz cars respectively?

- A) A, B, Q, S and D, R, P, C
- B) A, D, P, R and B, C, Q, S
- C) D, C, P, R and A, B, Q, S
- D) A, D, P, Q and B, C, R, S
- E) None of these

Q6) Correct Answer – Option B

Explanation -:

If A and P go in one car, A is a man and P is a boy. So, they should have two females - one woman and one girl. They can be C or D and R or S. So any of CR, CS, DR and DS can be with them. Hence, option b.

Q7) Correct Answer – Option D

Explanation -:

A, D, P and R can go in one car, which implies B, C, Q and S can go in the other car. So options a and b can be eliminated. A, B, P and R cannot go in the same car but A, D, P and R can go in the same car. Hence, option d.

Q8) Correct Answer – Option B

Explanation -:

A, D, P, R and B, C, Q, S are correct as A is a man. D is a woman. P is a boy and R is a girl. Similarly B, C, Q, S is correct. Rest all are incorrect. Hence, option b.

Directions for questions 09-13: These questions are based on the following information.

In Neo India Private Limited, a team of six trainers - Mr. Raj, Mr. Neeraj, Mr. Himansh, Mr. Aniket, Mr. Reddy and Mr. Roy are scheduled to train newly appointed employees. Each of the trainers train the employees about different functions among - Marketing, Finance, Production, Distribution, Human Resource and Capital Management in a different month among January, February, March, April, May and June of a year. The following information is available about the schedule.

I. Training in Production is scheduled in February but it is not by Mr. Aniket.

II. Mr. Raj's session is scheduled in March but not in Finance.

III. The session on Human Resource and Capital Management are scheduled in two consecutive months.

IV. Mr. Aniket's session is scheduled in the month immediately after the month in which Mr. Neeraj's session is scheduled.

V. Mr. Himansh's session is on Distribution but it is scheduled neither in January nor in June.

Q9. Whose session is scheduled in May?

- A) Mr. Reddy
- B) Mr. Roy
- C) Mr. Aniket
- D) Mr. Neeraj
- E) Mr. Himansh

=====

Q10. On which function the training is scheduled in January?

- A) Finance
- B) Production
- C) Capital Management
- D) Distribution
- E) Human Resource

=====

Q11. If Mr. Aniket's session is on Human Resource then in which month of the year is the session on Capital Management scheduled?

- A) January
- B) March
- C) April
- D) May
- E) June

=====

Q12. In which month of the year is Mr. Himansh's session scheduled?

- A) February
 - B) May
 - C) April
 - D) March
 - E) Cannot be determined
- =====

Q13. Training on how many functions is conducted after Marketing?

- A) 3
- B) 4
- C) 1
- D) 5
- E) 2

=====

Q9) Correct Answer – Option D

Q10) Correct Answer – Option A

Q11) Correct Answer – Option D

Q12) Correct Answer – Option C

Q13) Correct Answer – Option A

=====

Explanation/Solution -:

From I and II, we have:

Month	Department	Professor
January		
February	Production	Mr. Aniket
March	Finance	Mr. Raj
April		
May		
June		

Therefore, from V, Mr. Himansh's session is in Distribution but it is neither scheduled in January nor in June. It cannot be in May as well because if it is in May, IV cannot be satisfied. Hence, Mr. Himansh's session is scheduled in April. Hence, Mr. Neeraj's session and Mr. Aniket's session are scheduled in May and June respectively.

And from III, the distribution is as follows.

Month	Department	Professor
January	Finance	Mr. Reddy/Mr. Roy
February	Production	Mr. Roy/Mr. Reddy
March	Marketing	Mr. Raj
April	Distribution	Mr. Himansh
May	Human Resource/Capital Management	Mr. Neeraj

June	Capital Management/Human Resource	Mr. Aniket
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Directions for Questions 14-18: Answer the questions on the basis of the information given below.

Six persons Chetan, Gaurav, Jatin, Karan, Sahil and Tarun who are wearing Black, White, Red, Green, Blue and Yellow coloured t-shirts are driving different cars - Verna, City, SX4, Vento, Optra and Civic not necessarily in that order. These persons had participated in a car racing competition at the end of which each of them secured different ranks. It is also known that:

- (i) Tarun secured 4th position and was driving City
- (ii) The person wearing blue coloured t-shirt was driving Vento and didn't secure 2nd position
- (iii) Karan wearing white coloured t-shirt was not driving Verna or Optra and he was not ranked 1st
- (iv) The person wearing green coloured t-shirt was ranked 6th and he was driving Optra
- (v) The person who secured 3rd position was driving Civic
- (vi) The person who secured 1st rank was driving SX4 and he was not wearing black or red coloured t-shirt
- (vii) Chetan was wearing yellow coloured t-shirt while Tarun was not wearing red coloured t-shirt

Q14. What is the colour of Tarun's t-shirt?

- A) Blue
- B) Black
- C) Green
- D) Red
- E) Cannot be determined

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Q15. Who secured the 1st rank?

- A) Chetan
 - B) Jatin
 - C) Sahil
 - D) Gaurav
 - E) Cannot be determined
- =====

Q16. If the t-shirts of the persons are arranged in the increasing order of ranks (rank 6 to 1), then which of the following is true?

- A) Yellow, Red, White, Black, Blue, Green
 - B) White, Red, Yellow, Black, Green, Blue
 - C) Green, Blue, Black, White, Red, Yellow
 - D) Blue, Green, Black, Yellow, Red, White
 - E) None of these
- =====

Q17. If Jatin was not driving Vento or Optra, then who was wearing Red coloured t-shirt?

- A) Karan
 - B) Sahil
 - C) Tarun
 - D) Jatin
 - E) Cannot be determined
- =====

Q18. Which car is driven by Chetan?

- A) Verna
 - B) Vento
 - C) Optra
 - D) SX4
 - E) None of these
- =====

Q14) Correct Answer – Option B

Q15) Correct Answer – Option A

Q16) Correct Answer – Option C

Q17) Correct Answer – Option D

Q18) Correct Answer – Option D**Explanation/Solution :-**

Following table can be made with the given information

Rank	Car	Person	T-shirt Colour
1	SX4	xKaran	xBlack xRed
2	xVento		xBlue
3	Civic		
4	City	Tarun	
5			
6	Optra	xKaran	Green

Further, it is given:

Blue - Vento

Karan - White

Chetan - Yellow

Tarun - × Red

From the table drawn and the information above, the following conclusions can be made

Vento - 5th rank

Verna - 2nd rank

Rank	Car	Person	T-shirt Colour
1	SX4	Chetan	Yellow
2	Verna		Red
3	Civic	Karan	White
4	City	Tarun	Black
5	Vento		Blue
6	Optra		Green

The ranks of Gaurav, Jatin and Sahil cannot be determined with the given information.

Directions for Questions 19 – 22: Use the following information to answer the given questions:

Ashutosh, Dhanya, Gagan, Manya, Harshit, Pratiksha and Saksham are seven persons who travel to office everyday by Virar fast local train which stops at five stations - Borivali, Malad, Andheri, Dadar and Church Gate respectively after it leaves the base station i.e. Virar. Three among them get in at the base station. Harshit gets down at the next station at which Pratiksha gets down. Dhanya does not get down with either Ashutosh or Manya. Saksham alone gets in at Andheri station and gets down with Gagan after one station. Ashutosh travels between only two stations and gets down at Church Gate station. None of them gets in at Malad station. Gagan gets in with Pratiksha but does not get in with either Dhanya or Harshit. Manya gets in with two others and gets down alone after Harshit. Dhanya and Harshit work in the same office and get down together at Andheri station. None of them gets down at Borivali station.

Q19. At which station does Manya get down?

- A) Malad
 - B) Andheri
 - C) Dadar
 - D) Data Inadequate
 - E) None of these
- =====

Q20. At which station do Gagan and Pratiksha get in?

- A) Borivali
 - B) Malad
 - C) Andheri
 - D) Data Inadequate
 - E) None of these
- =====

Q21. After how many stations does Manya get down?

- A) One
 - B) Two
 - C) Three
 - D) Four
 - E) Five
- =====

Q22. Manya gets down after how many stations at which Pratiksha gets down?

- A) Next station
- B) Two
- C) Three
- D) Four
- E) None of these

=====

Q19) Correct Answer – Option C

Q20) Correct Answer – Option D

Q21) Correct Answer – Option C

Q22) Correct Answer – Option B

=====

Explanation/Solution -:

Since Saksham gets in at Andheri station and gets down with Gagan after one station means both Saksham and Gagan must have deboarded the train at Church Gate. Ashutosh travels between only two stations and gets down at Church Gate means he must have boarded the train at Dadar. Since Manya gets in with two others, it must be Virar i.e. the base station as it is not possible that 3 people would have boarded the train from some other station. Since Harshit gets down at Andheri and Manya gets down alone means she must have deboarded the train at Dadar.

Following table can be made using the above information

Person	Boarding Station	Deboarding Station
Ashutosh	Dadar	Church Gate
Dhanya	Virar or Borivali	Andheri
Gagan	Virar or Borivali	Church Gate
Harshit	Virar or Borivali	Andheri
Manya	Virar	Dadar
Pratiksha	Virar or Borivali	Malad
Saksham	Andheri	Church Gate

=====

Directions for Questions 23 - 25: Read the following information to answer the questions that follow

Six persons A, B, C, D, E and F are to be allotted a room in a hotel. There are six rooms numbered 601, 602, 603, 604, 605 and 606 (from left to right) and one person is to be allotted one room. Moreover, A cannot be in a room immediately to the left or immediately to the right of that of B. C must be in a room immediately to the left of D's room. F cannot be in room no. 606.

Q23. Who among the following cannot be in room no. 601?

- A) B
- B) A
- C) C
- D) D
- E) None of these

=====

Q24. If D is in room no. 603, then C should be in which room?

- A) 602
- B) 601
- C) 604
- D) 605
- E) None of these

=====

Q25. If A is allotted room no. 605, then who must be in room no. 606?

- A) C
- B) B
- C) D
- D) E
- E) None of these

=====

Q23) Correct Answer – Option D

Explanation :-

Since 601 is the leftmost room and C must be in a room immediately to the left of D's room, D cannot be in the left most room i.e. 601. Hence, option d

Q24) Correct Answer – Option A**Explanation -:**

C is in a room immediately left to the room of D, so it should be room no. 602. Hence, option a.

Q25) Correct Answer – Option D**Explanation -:**

The room no. 606 cannot be allotted to C because D is in a room immediate to that of C. And since C is not in room no. 605, D cannot be in 606. F cannot be in 606 and B cannot be in a room immediately left or right of that of A, so this leaves only E. Hence, option d.

Directions for Questions 26 – 30: Answer the questions on the basis of the information given below.

Five persons: - Anubhav, Rahul, Aniket, Vivek and Saksham joined five banks viz. PNB, SBI, BoB, OBC and BoI, not necessarily in the same order. Each of them were posted in different locations among Delhi, Lucknow, Chandigarh, Kolkata and Hyderabad and were attached to various functions viz. Retail banking, SME banking, Risk management, Forex business and Treasury operations not necessarily in this order. It is also known that:-

- (i) Anubhav was not working in PNB.
- (ii) Rahul, Aniket and Vivek were engaged in Retail banking, Treasury operations and SME banking respectively.
- (iii) The persons who joined PNB, OBC and BoB were posted in Hyderabad, Lucknow and Kolkata respectively.
- (iv) The persons who are attached with Risk management and Forex business are working in PNB and OBC respectively.
- (v) Aniket and Rahul were not posted in Kolkata and Chandigarh respectively.
- (vi) The person who is attached with Retail banking is not posted in Delhi.

Q26. Who is working in BoB?

- A) Anubhav
- B) Rahul
- C) Vivek
- D) Saksham
- E) Cannot be determined

=====

Q27. The person who is posted in Delhi is working in which bank?

- A) BoI
 - B) SBI
 - C) PNB
 - D) OBC
 - E) Cannot be determined
- =====

Q28. The person attached with Retail banking is posted in which city?

- A) Lucknow
 - B) Chandigarh
 - C) Kolkata
 - D) Either b or c
 - E) Cannot be determined
- =====

Q29. Who is posted in Chandigarh?

- A) The person working in OBC.
 - B) The person working in BoI.
 - C) The person working in SBI.
 - D) Either b or c.
 - E) None of these
- =====

Q30. Who is attached with Risk Management?

- A) The person working in BoB.
 - B) The person posted in Lucknow.
 - C) The person working in OBC.
 - D) The person posted in Hyderabad.
 - E) Cannot be determined
- =====

Q26) Correct Answer – Option B

Q27) Correct Answer – Option E

Q28) Correct Answer – Option C

Q29) Correct Answer – Option D

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Q30) Correct Answer – Option D**Explanation/Solution :-**

The information given in the question can be tabulated as under:

Person	Bank	Location	Function
Anubhav	OBC	Lucknow	Forex Business
Rahul	BoB	Kolkata	Retail Banking
Aniket	BoI/SBI	Chandigarh/Delhi	Treasury Operations
Vivek	SBI/BoI	Delhi/Chandigarh	SME Banking
Saksham	PNB	Hyderabad	Risk Management

Directions for questions 31-35: Read the following information carefully and answer the questions that follow.

Nine friends Amit, Bimal, Charu, Dhiraj, Ena, Farah, Gourav, Harshit and Jay stay in a building having nine floors. Only one person stays on one floor. All of them are from different schools i.e. Delhi Public School, GD Goenka World School, KR Manglam World School, Amity International School, Birla Vidya Niketan, St. Columbus School, Modern School and Pathways International School, not necessarily in the same order. The ground floor is numbered 1, the floor above it is numbered 2, and so on and the topmost floor is numbered 9.

Harshit studies in KR Manglam World School and stays on an even numbered floor. Amit stays on any even numbered floor below the floor on which Harshit stays. The one, who studies in Modern School, stays on the fourth floor. Ena stays on the second floor and studies in GD Goenka World School. The one, who studies in Pathways International School, stays on the third floor. Amit does not study in Birla Vidya Niketan. There are two floors between the floors on which children going to St. Columbus School and KR Manglam World School stay. Charu studies in Delhi Public School. There are three floors between the floors on which Charu and Gourav stay. Dhiraj stays on a floor immediately above Jay's floor. There is one floor between floors on which Farah and Gourav stay. Farah does not go to Pathways International School. The one who goes to Gyan Bharati School stays on the topmost floor. Farah does not stay on the ground floor.

Q31. Who amongst the following studies in Birla Vidya Niketan?

- A) Dhiraj
- B) Jay
- C) Gourav
- D) Farah
- E) None of these

=====

Q32. Who amongst the following stays on the topmost floor?

- A) Farah
 - B) Gourav
 - C) Dhiraj
 - D) Charu
 - E) None of these
- =====

Q33. Amit studies in which of the following schools?

- A) Modern School
 - B) Pathways International School
 - C) Amity International School
 - D) Gyan Bharati School
 - E) None of these
- =====

Q34. Who stays on the floor which is exactly between the floor on which Harshit stays and the floor on which Amit stays?

- A) Bimal
 - B) Gourav
 - C) Charu
 - D) Farah
 - E) None of these
- =====

Q35. How many floors are there between the floor on which Jay stays and the floor on which Charu stays?

- A) One
 - B) Two
 - C) None
 - D) Three
 - E) More than three
- =====

Q31) Correct Answer – Option D

Q32) Correct Answer – Option E

Q33) Correct Answer – Option C

Q34) Correct Answer – Option D

Q35) Correct Answer – Option A

Explanation/Solution -:

The given information can be summarized in the table below:

Person	Floor	Name of School
Amit	6	Amity International School
Bimal	9	Gyan Bharati School
Charu	1	Delhi Public School
Dhiraj	4	Modern School
Ena	2	GD Goenka World School
Farah	7	Birla Vidya Niketan
Gourav	5	St. Columbus School
Harshit	8	KR Manglam World School
Jay	3	Pathways International School

Directions for questions 36 – 40 : These questions are based on the following information.

A family of eight persons P, Q, R, S, T, U, V and W are going to three different places Shillong, Shimla and Manali in three different airlines Indigo, Jet Airways and Spice Jet. There are three couples in the family and each couple is going to a different place. Only those persons who are going to the same place travel by the same airline and at most three persons are in an airline. U, a male is going with only P and they are not going to Shimla. W is going to Shillong by Jet Airways. Q is not going with T and W. S, a female and T are going to the same place. V is not going by Indigo.

Q36. Which of the following group of persons is going to Shimla?

- A) U,P
- B) Q,R,W
- C) Q,R,V
- D) T,W,V
- E) Cannot be determined

Q37. Who among the following is/are not going along with R?

- A) Q
 - B) V
 - C) T
 - D) Both Q and V
 - E) Both V and T
- =====

Q38. Which of the following is true based on the given information?

- A) P is a female and going by Spice Jet.
 - B) S is going by Indigo.
 - C) V is a male and going to Shimla.
 - D) U is going to Manali.
 - E) None of these
- =====

Q39. Who is/are going along with T?

- A) W
 - B) R
 - C) S
 - D) Either W or S
 - E) Both W and S
- =====

Q40. Who are going to the vacation by Spice Jet?

- A) Q,R,S
 - B) Q,V,S
 - C) T,W,R
 - D) Q,R,V
 - E) None of these
- =====

Q36) Correct Answer – Option C

Q37) Correct Answer – Option C

Q38) Correct Answer – Option D

Q39) Correct Answer – Option E

Q40) Correct Answer – Option D

Explanation/Solution -:

It is given that there are three couples and each couple is going to a different place. Hence, at least one female and one male are going to a place. Given that U, a male is going with only P and they are not going to a Shimla. Hence, U and P is a couple and P is a female and they may go to either Shillong or Manali. Given that W is going to Manali by Jet Airways. Hence, U and P are going to Manali by Indigo or Spice Jet. Given that Q is not going with T and W and S, a female and T are going to the same place. Hence, W is going with S and T and Q is going with R and V. given that V is not going by Indigo. Hence, V is going by Spice Jet and U and P are going by Indigo.

Therefore, the final distribution is shown below.

Person	Gender	Airline	Place
P	Female	Indigo	Manali
Q	Male/Female	Spice Jet	Shimla
R	Male/Female	Spice Jet	Shimla
S	Female	Jet Airways	Shillong
T	Male/Female	Jet Airways	Shillong
U	Male	Indigo	Manali
V	Male/Female	Spice Jet	Shimla
W	Male/Female	Jet Airways	Shillong

Directions for questions 41 – 45: Answer the questions on the basis of following information.

Each of the seven persons, Agamy, Bimal, Chirag, Dhiraj, Eshaan, Farhan and Gourav plays a different sport among Basketball, Baseball, Cricket, Ice Hockey, Soccer, Badminton and Tennis. Basketball, Baseball and Soccer are called American sports. Cricket and Ice Hockey are called European sports and Badminton and Tennis are called Asian sports. Each of these seven persons won an award among National Award, Rajiv Gandhi Khel Ratna Award and Arjuna Award. At least two persons won each of these awards.

- (i) No two persons who play the same kind of sport won the same award.
- (ii) A person who won Arjuna Award plays Cricket and a person who won National Award plays Tennis.
- (iii) Bimal does not play Baseball. Eshaan plays an American sport but it is not Baseball.
- (iv) Bimal, Dhiraj and Farhan won the same award. Gourav plays Soccer but did not win Rajiv Gandhi Khel Ratna Award.
- (v) Chirag won National Award but he does not play a European sport.
- (vi) Agamy and a person who plays an American sport won Rajiv Gandhi Khel Ratna Award. Neither Bimal nor Dhiraj plays an Asian sport.

Q41. Who plays Badminton?

- A) Chirag
 - B) Dhiraj
 - C) Farhan
 - D) Agamya
 - E) Bimal
- =====

Q42. What kind of sport does Bimal play?

- A) An American sport
 - B) The kind of sport which Chirag plays
 - C) A European sport
 - D) The kind of sport which Eshaan plays.
 - E) The kind of sport which Dhiraj plays.
- =====

Q43. Which of the following groups of persons won the same award?

- A) Agamya, Bimal, Chirag
 - B) Bimal, Chirag
 - C) Dhiraj, Eshaan
 - D) Agamya, Eshaan
 - E) Chirag, Eshaan
- =====

Q44. Which of the following is the correct combination of the name of the person, the sport that he plays and the award won by him?

- A) Dhiraj-Baseball-Arjuna Award
 - B) Bimal-Ice Hockey-Arjuna Award
 - C) Gourav-Soccer-Arjuna Award
 - D) Chirag-Badminton-National Award
 - E) None of these
- =====

Q45. Which of the following is a pair of persons who play different kind of sports and won different awards?

- A) Bimal, Dhiraj
- B) Agamya, Bimal
- C) Agamya, Eshaan
- D) Bimal, Chirag
- E) Chirag, Gourav

=====

Q41) Correct Answer – Option C

Q42) Correct Answer – Option C

Q43) Correct Answer – Option D

Q44) Correct Answer – Option A

Q45) Correct Answer – Option D

=====

Explanation/Solution -:

The given information can be tabulated as follows:

Name	Kind of sport	Sport	Awards won
Agamya			Rajiv Gandhi Khel Ratna Award
Bimal	Not Asian	Not Baseball	
Chirag	Nor European		National Award
Dhiraj	Not Asian		
Eshaan	American	Not Baseball	
Farhan			
Gourav		Soccer	Not Rajiv Gandhi Khel Ratna Award

Eshaan plays a American sport but not Baseball. It has to be Soccer or Basketball. But Gourav plays Soccer which means that Eshaan plays Basketball. Bimal, Dhiraj and Farhan won the same award. It has to be Arjuna Award, since not more than three persons won the same award and Agamya won Rajiv Gandhi Khel Ratna Award and Chirag won National Award. Since no two persons who won the same award play the same kind of sport, Bimal, Dhiraj and Farhan play the different kind of sports. Since neither Bimal nor Dhiraj plays Asian sport. Farhan plays an Asian sport.

From (ii) the spot that Farhan plays is Badminton. One between Bimal and Dhiraj plays a European sport and the other American. Since at least two persons won each award, it can be concluded that Gourav won National Award. From (i), Chirag who won National Award plays an Asian sport. From (ii), Chirag plays Tennis. From (iv), Eshaan won Rajiv Gandhi Khel Ratna Award. Since, Bimal plays neither Baseball, nor an Asian, it can be concluded that he plays a European sport. From (ii), the sport that Bimal plays is Cricket. Since, Bimal, Dhiraj and Farhan play different kinds of sports. Dhiraj plays a American sport, which is Baseball. This implies that Agamya plays Ice Hockey, which is a European sport.

Name	Kind of sport	Sport	Awards won
Agamya	European	Ice Hockey	Rajiv Gandhi Khel Ratna Award
Bimal	European	Cricket	Arjuna Award
Chirag	Asian	Tennis	National Award
Dhiraj	American	Baseball	Arjuna Award
Eshaan	American	Basketball	Rajiv Gandhi Khel Ratna Award
Farhan	Asian	Badminton	Arjuna Award
Gourav	American	Soccer	National Award

Directions for questions 46-48: Answer the questions on the basis of following information.

Six persons Param, Karan, Rohan, Sohan, Taman, and Utkarsh, stay in a building which consists of six floors. Ground floor is named as the first floor; the floor above the ground floor is named as the second floor and so on.

Rohan stays neither on the odd numbered floor nor on the second floor. Taman stays either on the first floor or on the top floor. Sohan and Param do not stay on consecutive floors, and not above Rohan's floor. Karan and Utkarsh stay in alternate floors in that order from the top to the bottom but not on even numbered floors.

Q46. Who stays on the fourth floor?

- A) Param
- B) Karan
- C) Rohan
- D) Sohan
- E) Cannot be determined

Q47. How many floors are there between Rohan's floor and Taman's floor?

- A) Zero
- B) One
- C) Two
- D) Three
- E) Four

Q48. Who stays immediately above Param's floor?

- A) None
- B) Utkarsh
- C) Rohan
- D) Karan
- E) Cannot be determined

=====

Q46) Correct Answer – Option E

Q47) Correct Answer – Option E

Q48) Correct Answer – Option E

=====

Explanation/Solution -:

Given, Rohan stays neither on the odd numbered floor nor on the second floor. Hence, Rohan can stay either on the fourth floor or on the sixth floor. Given, Taman stays either on the first floor or on the last floor. Sohan and Param stay on consecutive floors but not above Rohan's floor. Karan and Utkarsh stay in alternate floors in that order, but not on the even numbered floor. Hence, the final arrangement is as shown below.

Floor	Person
6	Rohan
5	Karan
4	Sohan/Param
3	Utkarsh
2	Param/Sohan
1	Taman

=====

Directions for Questions 49 - 53: Answer the questions on the basis of the information given below.

Friends P, Q, R, S, X, Y and Z are travelling to three different places. There are at least two friends travelling to each place – Goa, Mumbai, Pune – and only one of them is a male. There are two doctors, two bankers and three teachers among them. Further,

- (i) R is a lady banker and she does not travel with the pair of sisters P and Y.
- (ii) Q, a male doctor, travels with only Z, a teacher in Goa.
- (iii) S is a male banker.

(iv) Two friends from the same profession do not travel to the same place.

(v) P is not a doctor and travels to Mumbai.

Q49. Which of the following is Y?

- A) Doctor
- B) Banker
- C) Teacher
- D) Doctor or Banker
- E) None of these

=====

Q50. To which place does R travel?

- A) Goa
- B) Mumbai
- C) Pune
- D) Goa or Mumbai
- E) Mumbai or Pune

=====

Q51. Which of the following represents the three teachers?

- A) ZXY
- B) ZXP
- C) ZQY
- D) ZPY
- E) None of these

=====

Q52. How many females are among them?

- A) Three
- B) Four
- C) Three or Four
- D) Five
- E) None of these

=====

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Q53. Which of the following is not correct?

- A) X-Male-Teacher
- B) Q-Male-Doctor
- C) P-Female-Teacher
- D) All are correct
- E) All are incorrect

=====

Q49) Correct Answer – Option A

Q50) Correct Answer – Option C

Q51) Correct Answer – Option B

Q52) Correct Answer – Option B

Q53) Correct Answer – Option D

=====

Explanation/solution -:

Since R and S are bankers and P is not an doctor, thus, P is a teacher. Since P travels to Mumbai, R will travel to Pune. Also, P and Y will be together. Given P and Y are a pair of sisters, both are females. In Goa, only two friends Q and Z travel, so Z is a female. Two friends from the same profession do not travel in the same place, so S travels to Mumbai. There are two bankers, two doctors and three teachers, so Y is a Doctor and X is a male teacher.

The following table will emerge:

Friend	Sex	Profession	Place
P	Female	Teacher	Mumbai
Q	Male	Doctor	Goa
R	Female	Banker	Pune
S	Male	Banker	Mumbai
X	Male	Teacher	Pune
Y	Female	Doctor	Mumbai
Z	Female	Teacher	Goa

=====

Directions for Questions 54-59: Answer the questions on the basis of the following information

Nine people, Suhani, Sohan, Vimal, Kriti, Prina, Punit, Suman, Sumit and Pragati stay in a building, but not necessarily in the same order. The building has nine floors and only one

person stays on one floor. All of them work in different companies, i.e. Google, Microsoft, IBM, IHM, Samsung, TATA Steel, GAIL, Wipro and LG Electronics, but not necessarily in the same order. The Ground floor is numbered 1, the floor above it is numbered 2, and so on, and the topmost floor is numbered 9. Sumit works in IHM and stays on an even-numbered floor. Suhani stays on any even-numbered floor below the floor on which Sumit stays. The one who works in Wipro stays on the fourth floor. Prina stays on the second floor and works in IBM. The one who works at LG Electronics stays on the third floor. Suhani does not work at TATA Steel. There are two floors between the floors on which the people working in GAIL and the IHM stay. Vimal works in Microsoft. There are three floors between the floors on which Vimal and Suman stay. Kriti stays on a floor immediately above Pragati's floor. There is one floor between the floors on which Punit and Suman stay. Punit does not work in LG Electronics. The one who works at Google stays on the topmost floor. Punit does not stay on the ground floor.

Q54. How many floors are there between the floor on which Pragati stays and the floor on which Vimal stays?

- A) One
- B) Two
- C) Three
- D) Four
- E) More than Four

=====

Q55. Which of the following is correct as per the given information?

- A) Sohan stays on the floor immediately below the floor on which Sumit stays
- B) Suman stays on a floor immediately above the floor on which Suhani stays
- C) Punit stays on the eighth floor
- D) Kriti works at Wipro
- E) None of these

=====

Q56. Who amongst the following stays on the top most floor?

- A) Punit
 - B) Suman
 - C) Kriti
 - D) Vimal
 - E) None of these
- =====

Q57. Which company does Suhani work for?

- A) Wipro
 - B) LG Electronics
 - C) Samsung
 - D) Google
 - E) None of these
-
-

Q58. Sohan is related to Vimal in the same way as Sumit is related to Prina as per the given information. Following the same pattern Punit is related to which of the following?

- A) Pragati
 - B) Kriti
 - C) Suhani
 - D) Suman
 - E) None of these
-
-

Q59. Which company does the person who lives on ground floor work for?

- A) GAIL
 - B) TATA Steel
 - C) Samsung
 - D) Microsoft
 - E) None of these
-
-

Q54) Correct Answer – Option A

Q55) Correct Answer – Option D

Q56) Correct Answer – Option E

Q57) Correct Answer – Option C

Q58) Correct Answer – Option A

Q59) Correct Answer – Option D

Explanation/Solution :-

From the given clues there are nine persons who live in nine different floors and each one works in a distinct company, using the given information following table can be made:

Floor	Person	Company
1 st (Ground)	x Punit	
2 nd	Prina	IBM
3 rd		LG Electronics
4 th		Wipro
5 th		
6 th		
7 th		
8 th		
9 th		Google

Now Sumit stays on an even numbered floor and Suhani stays on an even numbered floor below Sumit. Since Sumit works at IHM, he cannot be on 4th floor, so the possible floors on which Suhani and Sumit stay respectively are 4th and 6th or 6th and 8th. There are two floors between the floors on which the persons working at GAIL and IHM stay. Now, Sumit works at IHM and he stays on either 6th or 8th floor. If Sumit stays on 6th floor that implies person working in GAIL should be staying on either 3rd or 9th floor which is not possible, so Sumit who works at IHM stays on 8th floor and the person working in GAIL stays on 5th floor which also implies Suhani stays on 6th floor. Vimal works at Microsoft, the only possible floors on which he can stay is 1st (Ground) or 7th. Further, it is given that there are three floors between the floors on which Vimal and Suman stay, so if Vimal is on the 1st floor, Suman is on 5th floor and if Vimal is on 7th floor, Suman is on 3rd floor. Now there is one floor between the floors on which Punit and Suman stay, the possible combinations of floors where Punit and Suman respectively stay are 5th and 3rd or 7th and 5th. Kriti stays on one floor above Pragati, the only possible floors where this is possible is 3rd and 4th or 4th and 5th, So it can be concluded that Pragati, Kriti, Suman, Punit and Vimal stay on 3rd, 4th, 5th, 7th and 1st floor respectively. Thus, Sohan stays on the topmost floor (9th). Suhani does not work at TATA Steel implies Suhani and Punit work at Samsung and TATA Steel respectively. Thus, the final table is as under:

Floor	Person	Company
1 st (Ground)	Vimal	Microsoft
2 nd	Prina	IBM
3 rd	Pragati	LG Electronics
4 th	Kriti	Wipro
5 th	Suman	GAIL
6 th	Suhani	Samsung
7 th	Punit	TATA Steel
8 th	Sumit	IHM
9 th	Sohan	Google

Directions for Questions 60 - 64: Answer the questions on the basis of the information given below.

Each of the six actors – Meena, Seema, Kiran, Shilpa, Archana and Kavita acts on exactly one day of a week starting from Monday to Saturday. Each actor acts for different number of hours in a day up to a maximum of 10 hours. It is also known that:-

- (i) Meena & Shilpa act on Tuesday and Thursday respectively.
- (ii) The number of hours for which Kiran acts is more than that of Archana, and the number of hours for which Seema acts is less than that of Kavita.
- (iii) The number of hours for which acting is done by any of the actors on every alternate day starting from Tuesday consists of multiples of three in decreasing order.
- (iv) The number of hours for which acting is done on every alternate day starting Monday consists of three prime numbers in increasing order.
- (v) Kiran & Seema act on two consecutive days.

Q60. Which of the following is a correct combination of the day, actor and number of hours for which acting is done?

- A) Tuesday - Archana – 2
- B) Saturday - Seema – 7
- C) Monday - Archana – 5
- D) Tuesday - Meena – 9
- E) Saturday - Kiran - 3

=====

Q61. For how many hours does Seema act?

- A) 2
- B) 3
- C) 5
- D) 7
- E) None of these

=====

Q62. Which of the following actor acts for more number of hours than Kavita?

- A) Only Meena
- B) Only Kiran
- C) Only Meena & Shilpa
- D) Only Meena & Seema
- E) Meena, Kiran & Shilpa

=====

Q63. On which two days of the week do Archana & Seema act respectively?

- A) Monday & Friday
 - B) Monday & Saturday
 - C) Tuesday & Friday
 - D) Tuesday & Saturday
 - E) None of these
- =====

Q64. What is the sum of hours for which acting is done on Wednesday, Thursday and Friday?

- A) 19 hours
 - B) 16 hours
 - C) 14 hours
 - D) 20 hours
 - E) 18 hours
- =====

Q60) Correct Answer – Option D

Q61) Correct Answer – Option B

Q62) Correct Answer – Option E

Q63) Correct Answer – Option B

Q64) Correct Answer – Option E

=====

Explanation/Solution -:

From statement (i)

- Meena → Tuesday
- Shilpa → Thursday

From Statement (ii)

- The duration of acting done by actors, Kiran>Archana and Kavita>Seema

From statement (iii) and (iv)

- Duration of acting on different days

Day	Duration (in hours)
Monday	2
Tuesday	9
Wednesday	5
Thursday	6
Friday	7
Saturday	3

From (v): Possible combination of actor and the day on which they act is

- Kiran → Friday/Saturday
- Seema → Saturday/Friday

Now using the indirect clues

The only combination for Kiran and Seema is Friday and Saturday if Seema acts on Friday, that means she would be acting for 7 hours, but that would nullify statement (ii) as Kavita would not be able to act more than Seema. So Kiran → Friday → 7 hours and Seema → Saturday → 3 hours and the rest of the table can be tabulated as under

Day	Actor	Duration (in hours)
Monday	Archana	2
Tuesday	Meena	9
Wednesday	Kavita	5
Thursday	Shilpa	6
Friday	Kiran	7
Saturday	Seema	3

Directions for questions 65-69: These questions are based on the following information.

Eight persons P, Q, R, S, T, U, V and W are studying in three different colleges among Glory College, Elite College and Imperial College of Arts and using three different brands of mobile phones among Samsung, Blackberry and Apple but not necessarily in the same order. The maximum number of persons using any brand of mobile phone is three. For each brand of mobile phone there are at least one male and one female user. Each brand of mobile phone user studies in only one college.

Only V and U's sister are studying in Imperial College of Arts. Q and T are using the same brand of mobile phone but it is not Samsung. R who is a female and P are studying in the same college, but not in Glory College. P and P's brother W are using different brand of mobile phones. Two females are using Blackberry. S does not use Samsung. P is a female.

Q65. How many females are there among the eight persons?

- A) 3
 - B) 4
 - C) 5
 - D) Either 3 or 4
 - E) Either 4 or 5
- =====

Q66. Which of the following group of persons is using Samsung mobile phone?

- A) RU
 - B) UV
 - C) PRU
 - D) PUV
 - E) None of these
- =====

Q67. In which college is U studying?

- A) Glory College
 - B) Elite College
 - C) Imperial College of Arts
 - D) Either (a) or (b)
 - E) Either (b) or (c)
- =====

Q68. Four of the following five are alike based on the given information in the arrangement and hence form a group. Find the one which does not belong to that group.

- A) P
 - B) Q
 - C) R
 - D) S
 - E) U
- =====

Q69. Which of the following is true based on the given information?

- A) P is studying in Glory College and using Samsung mobile phone.
- B) Q is studying in Elite College and using Blackberry mobile phone.
- C) Two females use Samsung mobile phone.
- D) S is studying in Elite College and using Apple mobile phone.
- E) None of these

=====

Q65) Correct Answer – Option C

Q66) Correct Answer – Option C

Q67) Correct Answer – Option B

Q68) Correct Answer – Option E

Q69) Correct Answer – Option C

=====

Explanation/Solution -:

From the information, the maximum number of persons using any brand of mobile phone is three, for each brand of mobile phone there are at least one male and one female.

From the information only V and U's sister are studying in Imperial College of Arts. We can say that V is male and U is not studying in Imperial College of Arts and only two persons are studying in Imperial College of Arts. From the above information Q and T are using the same brand of mobile phone, but it is not Samsung, we can say that Q and T are not studying in Imperial College of Arts, i.e. either Elite College or Glory College.

From the information, R who is a female, and P are studying in same college but not in Glory College, and P is a female. We can say that they must be studying in Elite College.

Therefore, Q and T are studying in Glory College.

From the information, P and P's brother W are using two different brands of mobile phone, we can say that W is studying in Glory College since W is a male.

Therefore, S is studying in Imperial College of Arts and U in Elite College.

From the information, two females are using Blackberry and S is not using Samsung, we can say that the persons studying in Imperial College of Arts are not using Samsung and Blackberry.

Therefore, S and V are using Apple.

From the information Q and T are not using Samsung, we can say that they are using Blackberry.

Therefore, Q, T and W are using Blackberry.

Thus P, R and U are using Samsung.

Since two females use Blackberry, Q and T must be females.

Since at least one male is using each brand of mobile phone, we can say that U is a male.

Name of the person	Brand of mobile phone	College	Gender
P	Samsung	Elite College	Female
Q	Blackberry	Glory College	Female
R	Samsung	Elite College	Female
S	Apple	Imperial College of Arts	Female
T	Blackberry	Glory College	Female
U	Samsung	Elite College	Male
V	Apple	Imperial College of Arts	Male
W	Blackberry	Glory College	Male

Directions for questions 70-74: Study the following information carefully to answer the given questions.

Five friends Farzan, Manish, Karan, Neha and Yogesh are working in 5 different companies Cement Ltd., Paragon Ltd., Oswald and Company, Street Art Ltd. and Universal Studios and they earn different salaries i.e. Rs. 9000, Rs. 13000, Rs. 16000, Rs. 18000 and Rs. 22000 and they all are of different ages i.e. 24, 25, 28, 31 and 33 years. All this information is not necessarily in same order.

Person who is 31-year-old earns highest salary but does not work in Cement Ltd. or Paragon Ltd. Company. Yogesh does not work in Street Art Ltd. or Universal Studios Company and his age is not 33. The salary of Neha is less than Rs. 16000. The person who is 25 years old earns Rs. 18000 per month. Farzan earns Rs. 13000 per month but does not work in Paragon Ltd. or Street Art Ltd. Manish works in Cement Ltd. and earns more than Rs. 16000. Person who is 28 years old works in Universal Studio. The 33-year-old person earns at least Rs. 16000.

Q70. In which company does Farzan work?

- A) Universal Studios
- B) Cement Ltd.
- C) Paragon Ltd.
- D) Street Art Ltd.
- E) Oswald and Company

Q71. Who works in Paragon Ltd.?

- A) Manish
 - B) Karan
 - C) Neha
 - D) Yogesh
 - E) Cannot be determined
-

Q72. If the name of the person represents his/her salary then which of the following is true?

- A) Farzan Manish = Karan
 - B) Karan Neha = Manish
 - C) Neha Yogesh = Manish
 - D) Farzan Neha = Yogesh
 - E) None of these
-

Q73. The person whose age is a prime number works in company

- A) Cement Ltd.
 - B) Paragon Ltd.
 - C) Oswald and Company
 - D) Street Art Ltd.
 - E) Cannot be determined
-

Q74. Which of the following combinations is definitely true?

- A) Manish – 31 years – Cement Ltd. – 22000
 - B) Neha – 24 years – Paragon Ltd. – 9000
 - C) Farzan – 24 years – Street Art Ltd – 13000
 - D) Yogesh – 31 years – Oswald and Company – 22000
 - E) None of these
-

Q70) Correct Answer – Option A

Q71) Correct Answer – Option E

Q72) Correct Answer – Option D

Q73) Correct Answer – Option C

Q74) Correct Answer – Option D

Explanation/Solution

Person	Salary	Company	Age
Farzan	13000	Universal Studios	28
Manish	18000	Cement Ltd	25
Karan	16000	Paragon Ltd./Street Art Ltd.	33
Neha	9000	Street Art Ltd./Paragon Ltd.	24
Yogesh	22000	Oswald and Company	31

Directions for questions 75-79: These questions are based on the following information.

Seven persons – Param, Qarim, Rishi, Shiv, Tony, Ujjwal, Viren – live on seven different floors of an apartment block (Ground floor is parking and they live on first floor, second floor and so on till seventh floor). Each of them belongs to a different city among Delhi, Chennai, Kolkata, Hyderabad, Bangalore, Mumbai and Kolkata, not necessarily in the same order. The following information is known about them.

Param lives on an even numbered floor, but it is not the second floor. Only two persons live below the floor on which the person who belongs to Hyderabad lives. Exactly two persons live between the floors on which the person who belongs to Hyderabad and Viren live. Rishi does not belong to Hyderabad, but lives below Param's floor. The person, who belongs to Mumbai, lives just above the floor on which the person who belongs to Kolkata lives; none of them is Viren. There are only two floors above the floor on which Qarim lives. Rishi lives immediately above the floor on which the person who belongs to Bangalore lives. There are only two floors between the floors on which Tony and the person who belongs to Delhi lives. Shiv belongs to Kolkata.

Q75. Who lives just below the floor on which Viren lives?

- A) Param
 - B) The person who belongs to Mumbai.
 - C) Tony
 - D) The person who belongs to Chennai.
 - E) None of these
-

Q76. Who lives on the first floor?

- A) The person who belongs to Bangalore.
 - B) Rishi
 - C) The person who belongs to Chennai
 - D) Shiv
 - E) The person who belongs to Kolkata
-
-

Q77. Who belongs to Chennai?

- A) Viren
 - B) Qarim
 - C) Param
 - D) Rishi
 - E) Cannot be determined
-
-

Q78. Four of the following five are alike in a certain way based on the given information and so form a group. Find the one which does not belong to the group.

- A) Viren-Delhi
 - B) Qarim- Kolkata
 - C) Tony- Hyderabad
 - D) Rishi- Chennai
 - E) Utkarsh- Bangalore
-
-

Q79. Which of the following statements is true?

- A) Shiv lives on the seventh floor.
 - B) Viren lives just above Qarim's floor.
 - C) Rishi lives just below Tony's floor.
 - D) All of the above
 - E) None of the above
-
-

Q75) Correct Answer – Option B

Q76) Correct Answer – Option A

Q77) Correct Answer – Option D

Q78) Correct Answer – Option B

Q79) Correct Answer – Option D

Explanation/Solution -:

Given, Param lives on an even numbered floor, but is not the second floor. Hence, Param lives on either the fourth or on the sixth floor. Given only two persons live below the floor on which the person who belongs to Hyderabad lives and exactly two persons live between the floors on which the person who belongs to Hyderabad lives and Viren. Hence, Param lives on the 4th floor. Given Rishi does not belong to Hyderabad but lives below Param's floor and Rishi lives above the floor on which the person who belongs to Bangalore lives. Hence, Rishi lives on the second floor and the person who belongs to Bangalore lives on the first floor. Given the person who belongs to Mumbai lives just above the floor on which the person who belongs to Kolkata lives, none of them is Viren. Hence, the person who belongs to Mumbai lives on the fifth floor. Given there are only two floors above the floor on which Qarim lives. Hence, Qarim lives on the fifth floor. Given there are only two floors between the floors on which Tony and the person who belongs to Delhi lives. Hence, Tony lives on the third floor and Viren belongs to Delhi. As Shiv belongs to Kolkata, Shiv lives on the seventh floor and hence Rishi belongs to Chennai and Utkarsh lives in the first floor. The final arrangement and distribution are as follows.

Floor	Person	City
7	Shiv	Kolkata
6	Viren	Delhi
5	Qarim	Mumbai
4	Param	Kolkata
3	Tony	Hyderabad
2	Rishi	Chennai
1	Utkarsh	Bangalore

Directions for questions 80 to 84: Read the following information and answer the questions given below it.

- I. There are six persons- Minisha, Shahid, Teresa, Priyanka, Saif and Abhishek living in a triple story building with six flats. The floors are Ground, Middle and Top, each having two flats.
- II. Those who have four or more cars occupy the top floor and have a mobile phone.
- III. The one who belongs to Himachal has Apple mobile phone while the one who belongs to Varanasi has Blackberry mobile.
- IV. The ground floor occupants have cheerful disposition.
- V. Shahid who belongs to Delhi has three cars.
- VI. Teresa, an unmarried woman, does not own a car, occupies the middle floor.

VII. Saif and Abhishek have gloomy dispositions while the rest are cheerful

VIII. Priyanka, a middle floor occupant, owns a Micromax mobile phone.

IX. One of the two persons having two cars owns a Samsung mobile phone and belongs to Punjab.

X. Two persons, of whom one belongs to Uttar Pradesh, do not own a mobile phone.

Q80. Which mobile phone does Teresa own?

- A) Blackberry
- B) Apple
- C) Blackberry or Apple
- D) No mobile phone
- E) None of the above

Q81. Where does Priyanka belong to?

- A) Uttar Pradesh
- B) Himachal
- C) Punjab
- D) Varanasi
- E) Can't be determined

Q82. Who among the following occupies the top floor?

- A) Minisha
- B) Saif
- C) Teresa
- D) Priyanka
- E) None of these

Q83. How many cars does Minisha have?

- A) None
 - B) One
 - C) Two
 - D) Three
 - E) None of these
-

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Q84. What is the least number of cars owned by all the persons in the entire building?

- A) 9
- B) 12
- C) 15
- D) 18
- E) Can't be determined

=====

Q80) Correct Answer – Option D

Q81) Correct Answer – Option E

Q82) Correct Answer – Option B

Q83) Correct Answer – Option C

Q84) Correct Answer – Option C

=====

Explanation/Solution -:

According to the given data in the question we can create the following table:

Person	Number of cars owned	Native Place	Floor	Mobile phone	Disposition
Minisha	2	Punjab	Ground	Samsung	Cheer
Shahid	3	Delhi	Ground	None	Cheer
Teresa	0	Uttar Pradesh	Middle	None	Cheer
Priyanka	2	--	Middle	Micromax	Cheer
Saif	4 or more	Himachal or Varanasi	Top	Apple/Blackberry	Gloomy
Abhishek	4 or more	Himachal or Varanasi	Top	Apple/Blackberry	Gloomy

=====

Directions for questions 85-90: Read the given information and answer the following questions.

There are six Engineers, Namit, Manish, Roshan, Riya, Pankit and Punit from six different companies, Wipro, Infosys, Google, IBM, Forex and Grant Thornton were going to attend a seminar in Delhi. On their way, they met with an accident and were admitted in three different hospitals. At least two Engineers' were admitted in the same hospitals. Each of them is a specialist in different fields Civil, Chemical, Geotechnical, Aeronautics, Computer Science and Mechanical. Namit was admitted in Fortis hospital and he is from Infosys but he is neither Chemical nor Geotechnical Engineer. Pankit is from Wipro and he is a Mechanical

engineer. He was not admitted with Roshan. Riya was admitted with the engineer from IBM. One of the engineers who were admitted in Max Healthcare hospital is a Chemical engineer. Manish is not from Google and Grant Thornton and he is an Aeronautics Engineer. One of the engineers who were admitted in Saket City hospital is a Computer Science engineer. Punit is neither from Forex nor from Grant Thornton. Geotechnical engineer and Mechanical engineer were not admitted in Fortis hospital. Engineers from Wipro and Google were admitted together. The Aeronautics engineer was admitted in Fortis hospital. The engineer whose field is Mechanical was admitted at Max Healthcare hospital.

Q85. Who were admitted in Saket City hospital?

- A) Namit-Roshan
 - B) Riya-Punit
 - C) Roshan-Riya
 - D) Pankit-Roshan
 - E) None of these
- =====

Q86. Who is the Civil Engineer?

- A) Rajiv
 - B) Pankit
 - C) Manish
 - D) Namit
 - E) None of these
- =====

Q87. Who was admitted to a hospital with Punit?

- A) Namit
 - B) Roshan
 - C) Riya
 - D) Manish
 - E) Pankit
- =====

Q88. In which company does Roshan work?

- A) IBM
 - B) Forex
 - C) Wipro
 - D) Grant Thornton
 - E) Infosys
- =====

Q89. In which hospital is Manish admitted?

- A) Fortis
- B) Max Healthcare
- C) Saket City
- D) Cannot be determined
- E) None of these

Q90. Who is a Computer Science engineer?

- A) Roshan
- B) Manish
- C) Pankit
- D) Riya
- E) Either Roshan or Riya

Q85) Correct Answer – Option C

Q86) Correct Answer – Option D

Q87) Correct Answer – Option E

Q88) Correct Answer – Option A

Q89) Correct Answer – Option A

Q90) Correct Answer – Option E

Explanation/Solution -:

Names of the Engineer	Hospitals to which admitted	Companies they work in	Field of Engineering
Namit	Fortis	Infosys	Civil
Pankit	Max Healthcare	Wipro	Mechanical
Punit	Max Healthcare	Google	Chemical
Manish	Fortis	Forex	Aeronautics
Roshan	Saket City	IBM	Computer Science/Geotechnical
Riya	Saket City	Grant Thornton	Computer Science /Geotechnical

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Directions for questions 91-95: These questions are based on the following information.

Aryan, Bimla, Charu, David, Ellie, Farhan, Garvit and Harsh are eight persons working in three different colleges Elite College, Humanities College and Imperial College and not more than three persons are working in the same college. Each of them has different designations among Accountant, Trainee, Principal, Physics Professor, Lab Assistant, Accountancy Professor, Librarian and Hindi Professor, not necessarily in the same order.

David works neither at Elite College nor works in the same college as Farhan works at. Charu and Farhan work in the same college and Charu is not a Lab Assistant. Bimla an Accountant works at Humanities College and Ellie is the only other person who works in Humanities College. Neither the Librarian nor the Lab Assistant works in Imperial College. Aryan is a Physics Professor but does not work in Imperial College. Neither Garvit nor Harsh is a Principal. Farhan is a Hindi Professor and Garvit is not a Trainee.

Q91. Which among the following groups works in Imperial College?

- A) David, Farhan and Harsh
 - B) Charu, Farhan and Harsh
 - C) David, Garvit and Harsh
 - D) Charu, Farhan and Garvit
 - E) None of these
- =====

Q92. Among the Following, Whose Designation is Librarian?

- A) David
 - B) Charu
 - C) Farhan
 - D) Cannot be Determined
 - E) None of these
- =====

Q93. Which among the following groups of Designations are from Elite College?

- A) Physics Professor, Hindi Professor and Accountancy Professor
 - B) Accountancy Professor-Librarian and Lab Assistant
 - C) Lab-Assistant, Principal and Physics Professor
 - D) Accountant, Librarian and Lab Assistant
 - E) None of these
- =====

Q94. Four of the following five are alike in a certain way based on the given information and so form a group. Find the one which does not belong to the group.

- A) Aryan-Physics Professor
- B) Ellie-Principal
- C) Harsh-Trainee
- D) Garvit-Accountancy Professor
- E) Bimla-Accountant

Q95. Which among the following is True as per Given Information?

- A) Farhan-Elite College-Hindi Professor
- B) David- Imperial College-Trainee
- C) Farhan-Elite College-Accountant
- D) Bimla-Humanities College-Lab Assistant
- E) None of these

Q91) Correct Answer – Option C

Q92) Correct Answer – Option B

Q93) Correct Answer – Option E

Q94) Correct Answer – Option B

Q95) Correct Answer – Option A

Explanation/solution

From the given information, we can say that two persons are working in exactly one college. Also we can say that Bimla and Ellie are the only two persons working in Humanities College.

Therefore, in each Elite College and Imperial College, exactly three persons are working.

David works in Imperial College as it is given that David does not work in Elite College and Farhan works at Elite College as David and Farhan do not work in the same college. Charu works at Humanities College as it is given that Charu and Farhan work in the same colleges. Aryan works in Elite College, as he does not work in Imperial College.

We can say that Ellie is a Lab Assistant, as it is given that Charu is not Lab Assistant and Charu is a Librarian, as it is given that the persons who are working in Imperial College are neither Librarian nor a Lab Assistant.

David is a Principal, as we know that neither Garvit nor Harsh is the Principal. Also we can say that Harsh is a trainee, as Garvit is not a trainee.

Therefore, Garvit is an Accountancy Professor.

Therefore, the final distribution is shown below.

Name	College	Designation
Aryan	Elite College	Physics Professor
Bimla	Humanities College	Accountant
Charu	Elite College	Librarian
David	Imperial College	Principal
Ellie	Humanities College	Lab Assistant
Farhan	Elite College	Hindi Professor
Garvit	Imperial College	Accountancy Professor
Harsh	Imperial College	Trainee

Directions for questions 96-100: These questions are based on the following information.

Eight people P,Q,R,S,T,U,V,W work in different organizations at different posts. Each of them had experience in their field of certain number of years, which was different for each of them. These years were among 27, 24, 20, 16, 14, 10, 8 and 3. Also it is known that they lived in an eight floored apartment numbered from 1-8, where 8 is the top-most floor, 7 is just below it and so on. Further it is known that V who had an experience more than Q but less than R lived on the 2nd floor. There were 3 people living between T and Q, where T lived above Q. W lived below T but not adjacent to Q or on the 7th floor. U had an experience more than the person living on the 1st floor and lived above Q but below R. R who had 16 years of experience lived on the 6th floor. P had an experience less than S but more than V and T. The difference between the years of experience of person living on the 7th floor and the floor number of P is not 0. W had an experience of more than 20 years but not the highest. The person living on the 4th floor had an experience of 20 years. Q had an experience of odd number of years. W and U are not living in adjacent floors.

Q96. What is the experience of the person living on the 8th floor?

- A) 14
- B) 10
- C) 8
- D) 20
- E) None of these

Q97. What is the difference in the years of experience of the person living on 5th and 4th floor?

- A) 7
 - B) 4
 - C) 13
 - D) 11
 - E) None of these
-

Q98. In which floor did T live?

- A) 8th
 - B) 7th
 - C) 5th
 - D) 4th
 - E) Cannot Be Determined
-

Q99. Who lived on the 4th floor?

- A) P
 - B) T
 - C) Q
 - D) S
 - E) None of the above
-

Q100. Which among the following pair is odd from the rest?

- A) R,27
 - B) T,24
 - C) Q,8
 - D) U,20
 - E) P,10
-

Q96) Correct Answer – Option A

Q97) Correct Answer – Option A

Q98) Correct Answer – Option B

Q99) Correct Answer – Option D

Q100) Correct Answer – Option B

=====

Explanation/solution

R who had 16 years of experience lived on the 6th floor. V who had an experience more than Q but less than R lived on the 2nd floor. So, V had an experience of 14/10/8 years. The person living on the 4th floor had an experience of 20 years.

FLOOR	PERSON	EXPERIENCE IN YEARS
8		
7		
6	R	16
5		
4		20
3		
2	V	14/10/8
1		

There were 3 people living between T and Q, where T lived above Q.

Case 1:

FLOOR	PERSON	EXPERIENCE IN YEARS
8	T	
7		
6	R	16
5		
4	Q	20
3		
2	V	14/10/8
1		

But we are given that Q had an experience of odd number of years. So, this case is invalid.

Case 2:

FLOOR	PERSON	EXPERIENCE IN YEARS
8		

7		
6	R	16
5	T	
4		20
3		
2	V	14/10/8
1	Q	

Case 3:

FLOOR	PERSON	EXPERIENCE IN YEARS
8		
7	T	
6	R	16
5		
4		20
3	Q	
2	V	14/10/8
1		

Now,

W lived below T but not adjacent to Q or on the 7th floor. U had an experience more than the person living on the 1st floor and lived above Q but below R. W and U are not living in adjacent floors.

Case 2:

FLOOR	PERSON	EXPERIENCE IN YEARS
8		
7		
6	R	16
5	T	
4		20
3	W	24

2	V	14/10/8
1	Q	

Case 3:

FLOOR	PERSON	EXPERIENCE IN YEARS
8		
7	T	
6	R	16
5	U	27
4		20
3	Q	
2	V	14/10/8
1	W	24

But we are given that Q had odd number of years of experience. So, Q had an experience of 3 years. So, case 2 is also not possible. Moving ahead with case 3:

Case 3:

FLOOR	PERSON	EXPERIENCE IN YEARS
8		
7	T	
6	R	16
5	U	27
4		20
3	Q	3
2	V	14/10/8
1	W	24

P had an experience less than S but more than V and T. This means that S had 20 years of experience and P had 14 years of experience. So, P lived on 8th floor.

The difference between the years of experience of person living on the 7th floor and the floor number of P is not 0.

So finally, we have:

FLOOR	PERSON	EXPERIENCE IN YEARS
8	P	14
7	T	10
6	R	16
5	U	27
4	S	20
3	Q	3
2	V	8
1	W	24

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