



**Directions for questions 6 to 10:** These questions are based on the following information.

Eight persons – G, H, I, J, K, L, M, and N – are sitting in a row but not necessarily in the same order. Some of them are facing south and the remaining are facing north. No two persons sitting adjacent to each other face south.

- J sits two places away from H and they both face different directions.
  - M sits second to the right of G.
  - The number of persons to the right of M is one less than the number of persons to the right of K.
  - K sits to the immediate right of H, who faces the same direction as I faces.
  - I sits to the immediate left of N and one of them sits at an end.
  - G sits to the left of N, who sits to the left of L.
  - K and L face the same direction which is different from the direction which M faces.
6. Who sits second to the right of J?  
(A) K      (B) M      (C) L      (D) N
  7. Three of the following are alike in a certain way and hence form a group. Which is the one that does not belong to that group?  
(A) JH      (B) IH      (C) MG      (D) MK
  8. Which of the following is/are definitely true?  
(A) M and G face different directions.  
(B) K sits three places away from J.  
(C) Two persons sit between L and H.  
(D) Both (A) and (B)
  9. Who sits to the immediate right of G?  
(A) K      (B) L      (C) H      (D) J
  10. How many persons are facing north?  
(A) Five      (B) Three  
(C) Two      (D) Cannot be determined

**Solutions for questions 6 to 10:**

It is given that M sits second to the right of G, who sits to the left of N. Thus, if N sits at the right end, N must face north, since I sits to the immediate left of N. As J sits two places away from H and they both face different directions and K sits to the immediate right of H, J must be sitting at the third place from the left end and H sits two places away from I. It is given that H and I face the same direction. For the above conditions to satisfy, I must face north. Thus, H also faces north and K sits adjacent to I. Since H and J face different directions, J faces south. Thus, the neighbors of J must face north as no two persons sitting adjacent to each other face south. It is also given that M sits second to the right of G and the number of persons to the right of M is one less than the number of persons to the right of K. Hence, M must be sitting to the immediate left of J and G to the immediate right of J. As K and L face the same direction which is different from the direction in which M faces, K and L must face south as M faces north and L sits at the left end. Hence, the final seating arrangement is as below.

L↓      G↑      J↓      M↑      H↑      K↓      I↑      N↑

6. L sits second to the right of J.      Choice (C)
7. Except MK, in all other options the second person sits second to the left of the first person.      Choice (D)
8. K sits three places away from J.      Choice (B)
9. J sits to the immediate right of G.      Choice (D)
10. Five persons are facing North.      Choice (A)

### Exercise – 7(a)

**Directions for questions 1 and 2:** Select the correct alternative from the given choices.

1. Five students A, B, C, D and E participated in a 100 m race and finished the race in five different timings (not necessarily in the same order). Three students finished the race behind D and three students finished the race ahead of E. C is neither the first nor the last student to finish the race. If A finishes the race after B, then who is the last student to finish the race?  
(A) D      (B) E      (C) A      (D) C
2. Each of six boys P through U is of different height. T is shorter than P. U is shorter than Q who is taller than S. S is taller than P but shorter than R. Who is the shortest?  
(A) U      (B) S  
(C) T      (D) cannot be determined

**Directions for questions 3 and 4:** These questions are based on the following information.

Five buses B<sub>1</sub>, B<sub>2</sub>, B<sub>3</sub>, B<sub>4</sub> and B<sub>5</sub> operate between two stations S<sub>1</sub> and S<sub>2</sub>. The 1<sup>st</sup> bus, which leaves from S<sub>1</sub>, is the 3<sup>rd</sup> bus to reach S<sub>2</sub>. B<sub>1</sub>, the 2<sup>nd</sup> bus to reach S<sub>2</sub>, reaches after B<sub>5</sub>. B<sub>4</sub>, the 2<sup>nd</sup> bus to leave the station S<sub>1</sub> is

the last to reach S<sub>2</sub>, immediately after B<sub>2</sub>, which leaves S<sub>1</sub> after B<sub>5</sub> and B<sub>1</sub> respectively.

3. Which bus is the first bus to leave from the S<sub>1</sub>?  
(A) B<sub>4</sub>      (B) B<sub>3</sub>      (C) B<sub>2</sub>      (D) B
4. What is the position of B<sub>1</sub> in leaving S<sub>1</sub> and in reaching S<sub>2</sub>?  
(A) 4<sup>th</sup>, 3<sup>rd</sup>      (B) 3<sup>rd</sup>, 5<sup>th</sup>      (C) 3<sup>rd</sup>, 2<sup>nd</sup>      (D) 4<sup>th</sup>, 2<sup>nd</sup>

**Directions for questions 5 to 9:** These questions are based on the information given below.

In a zoo there are 7 cages in which 7 different animals – Tiger, Lion, Elephant, Chimpanzee, Gorilla, Deer and Bear are present. The cages are in a row one beside the other, not necessarily in the same order. Further it is known that

- (A) the cage in which the Tiger is present is at the extreme right end.
- (B) the Deer's cage is to the right of the Gorilla's cage.
- (C) the Chimpanzee's cage is three places to the right of the Elephant's cage.
- (D) the Lion's cage is to the immediate right of the Bear's cage which is to the immediate right of the Elephant's cage.
- (E) the Gorilla's cage is not at the extreme end.

5. Which of the following animal's cage is at the extreme left end?  
(A) Lion (B) Elephant  
(C) Deer (D) Gorilla
6. If the cages are numbered from 1 to 7 starting from left end, then which among the following animals is in cage 3?  
(A) Gorilla (B) Deer  
(C) Lion (D) Bear
7. Which among the following animals is two places away to the right of the Lion?  
(A) Gorilla (B) Deer  
(C) Elephant (D) Chimpanzee
8. Which among the following animals is at the centre?  
(A) Gorilla (B) Deer  
(C) Elephant (D) Chimpanzee
9. Which among the following statements is definitely true?  
(A) Chimpanzee's cage and Gorilla's cage are adjacent to each other.  
(B) Deer's cage is adjacent to Chimpanzee's cage.  
(C) Bear's cage is two places to the left of Deer's cage.  
(D) There are two cages in between Bear's cage and Chimpanzee's cage.

**Directions for questions 10 to 14:** These questions are based on the information given below.

Eight persons A, B, C, D, E, F, G, and H, not necessarily in the same order, are waiting in a queue at PVR Cinema Hall to buy tickets. F was before C and was immediately after A. E was the first person in the queue. B and C bought tickets one after the other. H bought his tickets exactly before two persons. G bought his tickets at least after four persons. D bought the ticket before A.

10. Who among the following bought his/her ticket immediately after E?  
(A) D (B) A (C) G (D) F
11. Who is the last person to buy the ticket?  
(A) G (B) B  
(C) C (D) Cannot be determined
12. Who bought the ticket immediately before H?  
(A) D (B) G (C) B (D) C
13. How many persons have bought tickets in between D and G?  
(A) Zero (B) One (C) Two (D) Three
14. If B is the last person to buy the ticket then who bought the ticket immediately after H?  
(A) D (B) G (C) B (D) C

**Directions for questions 15 to 18:** These questions are based on the following information.

Eight boys A, B, C, D, E, F, G and H are seated around a circular table. A and B are opposite to each other. F is neither next to H nor next to G. H is to the immediate left of B and opposite G. D is to the immediate right of B.

15. Who is to the right of A?  
(A) G (B) F (C) C (D) E

16. Who is two places to the right of B?  
(A) C (B) G  
(C) E (D) Cannot be determined
17. If F and G interchange places then who is opposite to H?  
(A) C (B) D (C) G (D) F
18. If C is to the immediate right of F, then who is to the immediate left of G?  
(A) B (B) C  
(C) E (D) Cannot be determined

**Directions for questions 19 to 22:** These questions are based on the following information given below.

Eight friends Jumuna, Navin, Naresh, Jagdeesh, Jai, Naman, Niki and Sri are sitting around a rectangular table which has 3 seats each on the longer sides and one seat each on the shorter side. Further it is known that

- (i) Jamuna is to the immediate left of Naman.
- (ii) Naresh and Jagdeesh are sitting opposite each other.
- (iii) Jai is to the immediate right of Navin, who is sitting on the shorter side.
- (iv) Jagdeesh is to the right of Jai.
- (v) Sri is sitting opposite Navin.

19. Who is opposite Jamuna?  
(A) Naresh (B) Niki  
(C) Jai (D) None of these
20. Who is opposite Jai?  
(A) Naman (B) Naresh  
(C) Jamuna (D) None of these
21. Who among the following is adjacent to Jamuna?  
(A) Niki (B) Navin  
(C) Naresh (D) Jagdeesh
22. Who is to immediate left of Jagdeesh?  
(A) Navin (B) Naresh  
(C) Naman (D) Niki

**Directions for questions 23 to 26:** These questions are based on the information given below.

P, Q, R, S and T are five friends. P is taller than Q, and has less money than S. R is taller than Q and also has more money than Q. T is the shortest of all but has more money than R.

23. If S is the tallest of all then which of the following can be the order of the five friends in the descending order of their heights?  
(A) S, R, P, Q, T (B) S, P, Q, R, T  
(C) S, R, Q, P, T (D) S, Q, P, R, T
24. If Q is taller than S, then who can be the tallest?  
(A) P (B) R (C) T (D) P or R
25. If R has more money than exactly three friends then who has 3<sup>rd</sup> highest money?  
(A) Q (B) P  
(C) S (D) Cannot be determined
26. Who among the following is always taller and also has more money than Q?  
(A) P (B) R  
(C) S (D) Cannot be determined

**Directions for question 27:** These questions are based on the following information.

$T_1$ ,  $T_2$  and  $T_3$  are three trains that leave station  $S_1$  and reach station  $S_2$ . The train number and the order in which they depart or arrive is not the same. The first train to leave  $S_1$  is the third train to reach  $S_2$ .

27. Which train is the first to leave from  $S_1$ ?  
 (A)  $T_1$  (B)  $T_2$   
 (C)  $T_3$  (D) Either  $T_2$  or  $T_3$

**Directions for questions 28 to 32:** These questions are based on the following information given below.

Five students P, Q, R, S, and T got some marks in the exam. Further it is known that.

- exactly 2 students got same marks.
- Q got more marks than R.
- T got more than S but less than R.
- P got more marks than exactly one person.

28. Who among the following got same marks?  
 (A) P, S (B) R, T (C) T, Q (D) T, P
29. Who got the highest marks?  
 (A) Q (B) R (C) T (D) S
30. Who got the least marks?  
 (A) Q (B) S (C) T (D) R
31. How many students got less marks than R?  
 (A) One (B) Two (C) Three (D) Four
32. Which of the following is true?  
 I. P got same marks as Q got.  
 II. R got the 2<sup>nd</sup> highest marks.  
 III. T got the same marks as P got.  
 (A) Only I (B) Only II  
 (C) Only II and III (D) Only I and III

**Directions for questions 33 to 36:** These questions are based on the following information.

Six monkeys A, B, C, D, E and F are seated around a circular table. Each one has a different coloured tail among Blue, Black, Green, Orange, Red and Yellow. It is further known that.

- I. A is sitting opposite to E.
- II. F is to the immediate left of the monkey with yellow tail.
- III. The monkeys that have black and blue coloured tails are seated adjacent to each other. However, neither of them is E.
- IV. C, the monkey with orange tail, is seated to the immediate right of E.
- V. A has Yellow coloured tail.

33. What is the colour of the tail of Monkey F?  
 (A) Blue  
 (B) Black  
 (C) Green  
 (D) No suitable answer choice is given.
34. If the colour of the tail of monkey E is red, which of the following is definitely the colour of the tail of monkey adjacent to A?  
 (A) Green (B) Black (C) Blue (D) Orange

35. If B is adjacent to E, then what is the colour of the tail of B?  
 (A) Blue (B) Black  
 (C) Orange (D) Black or Blue
36. If the monkey B is adjacent to A, then which monkey is opposite F?  
 (A) C (B) E (C) B (D) D

**Directions for questions 37 to 40:** These questions are based on the following information.

After six months of coaching, there was a discussion among some students regarding who attended more classes. When they asked the faculty, he gave the following information.

1. Chinmay attended more classes than Tiscon and Tony but fewer classes than Hillary and Baskar.
  2. Balu attended fewer classes than Baskar, Tywin and Tiscon.
  3. Harish attended more classes than Hillary and Baskar.
  4. Tony attended Fewer classes than Balu, Tywin, Hillary and Tiscon.
  5. Chinmay attended more classes than Tywin.
  6. Tiscon attended fewer classes than Tywin.
37. Who among the following four has attended the highest number of classes compared to the remaining three?  
 (A) Chinmay (B) Tywin  
 (C) Tiscon (D) Balu
38. Who attended the least number of classes?  
 (A) Tywin (B) Tiscon (C) Tony (D) Balu
39. If Baskar is not the one who attend the second greatest number of classes, who attended the second greatest number of classes?  
 (A) Hillary (B) Harish  
 (C) Chinmay (D) Cannot be determined
40. Who attended the second least number of classes?  
 (A) Tony (B) Balu (C) Tiscon (D) Tywin

**Directions for questions 41 to 44:** These questions are based on the following information.

Each of the six friends Jon, Ron, Bronn, Ma, Ben and Finn went to a different movie among Ironman, Spiderman, Avengers, Captain Marvel, Thor and Hulk. It is further known that.

1. Neither Jon nor Bronn went to watch either Thor or Hulk.
  2. Ma and Ben did not go to any movie other than Avengers and Spiderman.
  3. Bronn did not go to Ironman.
  4. Finn did not go to Hulk.
  5. Ben did not go to Spiderman.
41. Who went to watch the movie Captain Marvel?  
 (A) Ben (B) Ma (C) Bronn (D) Jon
42. Which movie did Jon go to?  
 (A) Avengers (B) Spiderman  
 (C) Captain Marvel (D) Ironman
43. Which movie did Finn go to?  
 (A) Thor (B) Spiderman  
 (C) Hulk (D) Ironman
44. Who went to watch the movie Hulk?  
 (A) Ben (B) Ron (C) Bronn (D) Jon

**Directions for questions 45 to 48:** These questions are based on the following information.

Each of the seven friends A, B, C, D, E, F and G attended a party in a different hotel among Taj, Leela, Oberoi, Hyatt, Lodhi, ITC and Westin. It is further known that.

- I. Neither A nor B visited Taj, Leela or Oberoi hotels.
- II. G and C visited hotel Lodhi and hotel Hyatt respectively.
- III. D did not visit either Leela or Oberoi hotel.
- IV. F did not visit Oberoi hotel.
- V. A did not visit hotel Westin.

45. Who visited hotel Taj?  
(A) C (B) D (C) E (D) F
46. Which hotel did E visit?  
(A) Taj (B) Leela (C) Oberoi (D) Lodhi
47. Which hotel did F visit?  
(A) Taj (B) Leela (C) Oberoi (D) Lodhi
48. Who visited hotel ITC?  
(A) A (B) B (C) E (D) F

**Directions for questions 49 to 52:** These questions are based on the following information.

Seven students Arya, Bran, Cat, Dany, Eddard, Frey and Gendry read the history of some of the seven kingdoms – Winterfell, Vale, Iron islands, Casterly rock, Highgarden, Stormlands and Dorne. The following information is known.

- I. Arya read the history of Casterly rock, Winterfell and Stormlands.
- II. Bran read the history of Winterfell, Highgarden and Dorne.
- III. Cat read the history of Dorne, Stormlands and Casterly Rock.
- IV. Dany read the history of Vale, Iron Islands and Dorne.
- V. Eddard read the history of Vale, Casterly rock, Winterfell and Stormlands.
- VI. Frey read the history of Iron Islands and Stormlands.
- VII. Gendry read the history of Winterfell, Iron islands, Stormlands and Dorne.

49. The history of which kingdom is read by the most number of people?  
(A) Winterfell (B) Stormlands  
(C) Casterly Rock (D) Iron Islands
50. The history of which among the following kingdoms is read by exactly three people?  
(A) Winterfell (B) Stormlands  
(C) Casterly Rock (D) Dorne
51. The history of which among the following kingdoms is read by exactly four people?  
(A) Stormlands (B) Casterly Rock  
(C) Dorne (D) Iron Islands
52. The history of which kingdom is read by the least number of people?  
(A) Vale (B) Highgarden  
(C) Dorne (D) Iron Islands

**Directions for questions 53 to 56:** These questions are based on the following information.

There are five students P, Q, R, S and T who like some of the sports among Polo, Skating, Rugby, Baseball and Hockey and some of the movie genres among Thriller, Horror, Comedy, Action and Romance. We also know that.

- I. P likes Polo, Skating sports and Action and Comedy movies.
- II. Q likes Rugby, Hockey, Baseball, Thriller, Horror and Romance movies.
- III. R likes Polo, Rugby and Baseball sports and Comedy, action and Romance movies.
- IV. S likes Skating, Baseball and Hockey sports and Action, Thriller, comedy and Romance Movies.
- V. T likes Polo, Skating and Baseball sports and Thriller, Horror and comedy movies.

53. Which of the following sports is liked by highest number of students?  
(A) Polo (B) Skating  
(C) Rugby (D) Baseball
54. Which of the following genre movies is liked by least number of students?  
(A) Thriller (B) Horror  
(C) Action (D) Romance
55. Which of the following persons like neither any movie nor any sport liked by Q?  
(A) P (B) R (C) S (D) T
56. How many students like both thriller movies and polo sport?  
(A) 1 (B) 2 (C) 3 (D) 4

**Directions for questions 57 to 60:** These questions are based on the following information.

Each of the six persons A, B, C, D, E and F is wearing a different sari among cotton, nylon, silk, woolen, linen and jute. Out of the six persons, four of them must be selected for the role of board member. It is further known that.

- I. If A is selected then the person wearing jute sari must not be selected.
- II. F is selected only if the persons wearing the nylon and cotton saris are selected.
- III. C, the person who is wearing the cotton sari, and D, the person who is not wearing nylon sari, are to be selected together.
- IV. E is selected only if A is not selected and the person wearing nylon sari is selected.
- V. Neither D nor E is wearing jute sari, while neither A nor E is wearing silk sari.
- VI. Neither E nor B is wearing woolen saree.
57. Who among the following must be selected?  
(A) A (B) E (C) C (D) F
58. If F is selected, among the following, what is the sari worn by the person who is definitely not selected?  
(A) Nylon (B) Cotton (C) Silk (D) Linen
59. What saree did A wear?  
(A) Nylon (B) Woolen (C) Silk (D) Linen
60. If the person with Linen saree is selected, then who among the following is definitely not selected?  
(A) C (B) D (C) E (D) F

### Exercise – 7(b)

**Directions for questions 1 to 5:** These questions are based on the following questions.

Each one of the five persons – D and E is lives in a different house which are along one side of a street. Each of these houses is painted with a different colour among Red, Pink, Blue, Green and White.

- (1) The house which painted in Red colour is on the right hand side of the house in which A lives, which is painted with Blue.
  - (2) Neither D nor E is living in extreme houses.
  - (3) C is living in the house which is immediately left to the house in which E is living.
  - (4) Neither B nor D is in Red colour house.
  - (5) Either E or D is in Green colour building which is to the immediate left of the Red colour building.
  - (6) Neither of the extreme houses are painted with White.
1. What is the colour of the building in which B lives?  
(A) Pink (B) White  
(C) Red (D) None of these
  2. What is the colour of the building which is to the immediate left of the Pink coloured building?  
(A) White (B) Red  
(C) Blue (D) Cannot be determine
  3. Who stays in the extreme left end house?  
(A) A (B) D (C) E (D) B
  4. What is the colour of the building which is at the middle of the row?  
(A) White (B) Red  
(C) Green (D) Either (A) or (B)
  5. How many houses are to the right of D's house?  
(A) 1 (B) 2 (C) 3 (D) 4

**Directions for questions 6 to 10:** These questions are based on the following information.

Eight persons – A to H – sit around a square table facing different directions such that four persons sit at the four corners of the table and the remaining sit at centre of each side of the table. They play different games among cricket, football, volleyball, squash, badminton, tennis, kabaddi, and hockey but not necessarily in the same order. No two adjacent persons face the same direction. A plays neither cricket nor volleyball and sits second to the left of the football player. E plays either tennis or kabaddi and sits at one of the corners. Tennis player and cricket player sit opposite each other. D sits second to the right of A. Either D or G plays kabaddi. Kabaddi and cricket players sit adjacent to each other. Football player sits adjacent neither to F nor to the squash player. C sits adjacent to squash player. Volleyball player and H sit adjacent to each other. H plays neither squash nor badminton. B sits second to the right of the hockey player.

6. Who among the following plays cricket?  
(A) A (B) C (C) B (D) D
7. F plays which game?  
(A) Cricket (B) Volleyball  
(C) Kabaddi (D) Squash
8. What is the position of C with respect to the cricket player?  
(A) Immediate right (B) Immediate left  
(C) Second to the right (D) Second to the left

9. Which of the following 'player-game' combination is true?

(A) H – Hockey (B) B – Squash  
(C) C – Football (D) G – Badminton

10. Which of the following statements is/are definitely true?

(A) B and E sit opposite each other.  
(B) A plays hockey.  
(C) C plays badminton.  
(D) Both (A) and (C)

**Directions for questions 11 to 15:** These questions are based on the following information given below.

There are six families living in different floors of an apartment starting from 1<sup>st</sup> floor. Each family has a different car among Palio, Swift, Ritz, Spark, Figo and Punto, not necessarily in the same order.

- The Khanna family stays on the 4<sup>th</sup> floor and does not own a Spark.
- The family which has Ritz stays on the 5<sup>th</sup> floor.
- The Khurana family has Punto and stays in the final floor.
- The Rajput family stays immediately above the Khan family.
- The family which has Figo stays on the 1<sup>st</sup> floor.
- The Kapoor family stays below the Dixit family.
- The Khan family owns a Swift.

11. Which family owns a Spark?  
(A) Rajput (B) Khanna (C) Khan (D) Dixit
12. On which floor does the Rajput family stay?  
(A) 5<sup>st</sup> (B) 2<sup>nd</sup> (C) 3<sup>rd</sup> (D) 4<sup>th</sup>
13. Which car is owned by the Dixit family?  
(A) Spare (B) Figo (C) Bright (D) Ritz
14. Which car is owned by the family staying on the 4<sup>th</sup> floor?  
(A) Figo (B) Palio (C) Ritz (D) Swift
15. Which of the following statements is true?  
I. The Kapoor family stays on the 2<sup>nd</sup> floor and owns a Swift.  
II. The Kapoor family stays on the 1<sup>st</sup> floor and owns a Figo.  
III. The Khan family stays on the 2<sup>nd</sup> floor and owns a Swift.  
(A) Only I (B) Only II  
(C) Only I and III (D) Only II and III

**Directions for questions 16 to 20:** These questions are based on the following information.

Eight persons of different heights are stood in a queue. Only one person is ahead of the eighth tallest person. Number of persons ahead of the second tallest is same as the number of persons behind the second shortest person. The fifth tallest person stood immediately ahead of the second tallest. The eighth tallest person is immediately behind the tallest person. The third tallest person is exactly in between the fourth and the sixth tallest persons.

16. How many persons are ahead of the fifth tallest person?  
(A) 3 (B) 2 (C) 4 (D) 5

17. What is the position of the 'fourth tallest person'?
- Four positions behind the second tallest person.
  - Two positions behind the sixth tallest person.
  - Five positions behind the sixth tallest person.
  - Cannot be determined
18. Who is immediately ahead of the fourth tallest person?
- The second tallest person.
  - The third tallest person.
  - The eighth tallest person.
  - Cannot be determined
19. How many people stood behind the second tallest person?
- 2
  - 3
  - 5
  - None of these
20. How many persons stood in between the third tallest and second shortest persons?
- 1
  - 2
  - 3
  - None of these

**Directions for questions 21 to 25:** These questions are based on the information given below.

Five players L, M, N, Q and P are of different ages, scored different number of centuries and also have different averages. In each parameter they are ranked from 1 to 5 i.e., the oldest gets rank 1 and the youngest gets rank 5. Similarly the player who scored the highest number of centuries is ranked 1 and the one who scored least number of centuries is ranked 5. The player with the highest average is given rank 1 and the least average is given rank 5. Further

- no two players got the same rank in any parameter.
- no player got the same rank in any two parameters.
- P, who is the oldest of all does not have the least number of centuries.
- N, who is not the youngest has the highest average.
- the rank obtained by "Q" in number of centuries is same as the rank obtained by M in age.
- the rank given to P in average is the same as the rank given to L in number of centuries.
- Q has the 2<sup>nd</sup> least average and L is the 3<sup>rd</sup> oldest.
- P does not have the least average.

21. Which rank did L get in the number of centuries?
- 1<sup>st</sup>
  - 2<sup>nd</sup>
  - 3<sup>rd</sup>
  - 4<sup>th</sup>
22. Who got the highest number of centuries?
- L
  - Q
  - M
  - P
23. Who is the youngest player?
- L
  - Q
  - N
  - M
24. Who has the 2<sup>nd</sup> highest average?
- P
  - Q
  - L
  - M
25. Which of the following is true?
- N got better rank than M in all three parameters.
  - L got better rank than N in all three parameters.
  - M got better rank than N in all three parameters.
  - None of these

**Directions for questions 26 to 30:** These questions are based on the following information.

Eight persons of the same family sit around a rectangular table in such a way that four persons – A, B, C and D – sit along one of the longer sides of the table, facing north and the other four persons – P, Q, R and S – sit along the other longer side of the table facing

south, not necessarily in that order. Each person faces exactly one person who sits on the opposite side. The following information is known about them.

P is the brother of Q, who is not adjacent to either P or S. A is the daughter of P and sits to the immediate right of B's husband. D is opposite to neither P nor S. C is the niece of P but is not opposite to either P or S. B is not opposite S, but is opposite her brother. D has only one child who is a male. Q is the daughter of C's grand father, who is not R.

26. Who is to the immediate right of P?
- R's father
  - P's sister
  - D's father-in-law
  - R
27. Which of the following persons sits at an end?
- A
  - R
  - Q's daughter
  - B's father
28. Who sits opposite C's uncle?
- C's mother
  - C's cousin
  - C's grandfather
  - C's aunt
29. Four of the following are alike in a certain way and so form a group. Find the one which does not belong to that group.
- D
  - A
  - Q
  - R
30. Which of the following statements is true?
- Q is at the left end
  - B is at the right end
  - A is the sister of C
  - R is the brother of A

**Directions for questions 31 to 35:** These questions are based on the information given below.

Four friends Anil, Bharat, Chetan and Divya have travelled different distances among 120 m, 180 m, 240 m, and 300m not necessarily in same order and in different amounts of time among 15s, 20s, 30 and 40s not necessarily in same order.

- The speed of Bharat is more than that of Divya but less than that of Chetan, whose speed is less than that of Anil.
  - The person with the highest speed did not travel the longest distance and did not travel for the least amount of time.
  - The person with 8 m/s is not the person with the highest speed.
  - No two persons have the same speed.
  - No person has less than 5 m/s speed.
31. Who among the following has travelled the least distance?
- Anil
  - Chetan
  - Bharath
  - Divya
32. What is the speed of the person who travelled 120 m?
- 6 m/s
  - 7.5 m/s
  - 8 m/s
  - 12 m/s
33. What is the highest speed?
- 6 m/s
  - 7.5 m/s
  - 8 m/s
  - 12 m/s
34. What is the lowest speed?
- 6 m/s
  - 7.5 m/s
  - 8 m/s
  - 12 m/s
35. Which of the following statements is / are true?
- Chetan travelled 120 m at a speed of 8 m/s.
  - Bharat travelled 300 m at 10 m/s.
  - Divya travelled for 30 sec at 6 m/s.
- Only I
  - Only III
  - Only II and III
  - Only I and III

**Directions for questions 36 to 40:** These questions are based on the following information given below.

Four articles A, B, C, and D have different market prices among ₹150, ₹225, ₹300, and ₹375, not necessarily in the same order. Discount is given on these articles. The discount percentage offered is among 30%, 40%, 50% and 60%, not necessarily in the same order. Further it is known that

- the article B is sold at less discount than D but more than A, which in turn is sold at more discount than C.
- the article which gets maximum discount neither has the highest market price nor has the highest discount percentage.
- ₹112.5 is not the highest discount obtained
- no two articles have same discount offered.

36. What is highest discount offered?  
(A) ₹150 (B) ₹120 (C) ₹112.50 (D) ₹100
37. What is the lowest discount offered?  
(A) ₹150 (B) ₹120 (C) ₹112.50 (D) ₹60
38. What is the discount offered on article B?  
(A) ₹150 (B) ₹135 (C) ₹120 (D) ₹110
39. Which article has the highest selling price?  
(A) A (B) B  
(C) D (D) Cannot be determined
40. What is the highest selling price?  
(A) ₹280 (B) ₹262.50 (C) ₹240 (D) ₹212.50

**Directions for questions 41 to 45:** These questions are based on the following information given below.

A team is to be selected from the six people P, Q, R, S, T and U depending on the following criteria.

- If P is selected, Q is also selected.
  - Only if U is not selected, T is also not selected.
  - Unless S is selected, R is not selected.
  - Exactly one between R and P must be selected.
41. If R is selected, then who is selected in a team of three people?  
(A) Q (B) T  
(C) U (D) Either (A) or (B)
42. If T is not selected, then what is the least possible size of the team?  
(A) One (B) Two (C) Three (D) Four
43. If Q is selected then what is the maximum possible size of the team?  
(A) One (B) Two (C) Five (D) Four

44. Who is not selected in a team of five?  
(A) P (B) R  
(C) U (D) Either (A) or (B)

45. Which of the following is true?  
I. P and S cannot be selected together.  
II. When Q is selected P may or may not be selected.  
III. S and U are not in the team together.  
(A) Only I (B) Only II  
(C) Only I and III (D) Only II and III

**Directions for questions 46 to 50:** These questions are based on the information given below.

Seven places Hyderabad, Bangalore, Delhi, Kerala, Chennai, West Bengal and Gujarat as well as the seven prominent players from these places. Each player is from a different place.

- Sachin is not from Delhi and Sehwag is not from Kerala.
- Raina is neither from Hyderabad nor from Bangalore
- Munaf is either from Chennai or Gujrat.
- Dhoni and Yuvraj are neither from Bangalore nor from Kerala.
- Kohli is either from Chennai or West Bengal.

46. If Raina is from Delhi then Sachin is from which of the following states?  
(A) Hyderabad (B) Kerala  
(C) Bangalore (D) Chennai

47. If Sachin is from Hyderabad then from which place does Raina come?  
(A) Delhi (B) Kerala  
(C) West Bengal (D) Gujrat

48. If Raina is from West Bengal then who is from Bangalore?  
(A) Muraf (B) Sachin  
(C) Sehwag (D) Kohli

49. If Kohli is not from West Bengal then Munaf is from which place?  
(A) Bangalore (B) West Bengal  
(C) Delhi (D) Gujarat

50. If Sachin is from West Bengal then how many combinations are possible?  
(A) One (B) Two (C) Three (D) Four

## Key

### Exercise – 7(a)

- |      |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. C | 7. A  | 13. C | 19. B | 25. D | 31. C | 37. A | 43. A | 49. B | 55. A |
| 2. D | 8. D  | 14. D | 20. A | 26. B | 32. C | 38. C | 44. B | 50. C | 56. A |
| 3. B | 9. A  | 15. B | 21. C | 27. B | 33. D | 39. A | 45. B | 51. C | 57. C |
| 4. D | 10. A | 16. D | 22. D | 28. D | 34. A | 40. B | 46. C | 52. B | 58. D |
| 5. B | 11. D | 17. D | 23. A | 29. A | 35. D | 41. C | 47. B | 53. D | 59. B |
| 6. C | 12. B | 18. C | 24. D | 30. B | 36. D | 42. D | 48. A | 54. B | 60. D |

### Exercise – 7(b)

- |      |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. A | 6. C  | 11. A | 16. B | 21. B | 26. C | 31. B | 36. A | 41. D | 46. B |
| 2. A | 7. B  | 12. C | 17. D | 22. C | 27. C | 32. C | 37. D | 42. B | 47. B |
| 3. A | 8. C  | 13. D | 18. C | 23. D | 28. D | 33. D | 38. B | 43. C | 48. C |
| 4. B | 9. A  | 14. B | 19. B | 24. A | 29. C | 34. A | 39. A | 44. D | 49. D |
| 5. C | 10. D | 15. D | 20. D | 25. D | 30. B | 35. D | 40. B | 45. B | 50. B |

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