RANKING ARRANGEMENT

1. Mohan is thirteenth from the left end in a row of children. Prabir is twelfth from the right end and eighteenth from the left end. How many children are towards the right of Mohan in that row?
(1) 12 (2) 18
(3) 17 (4) Can't be determined
(5) None of these

2. In a row of boys A is 13th from the left and D is 17th from the right. If in this row A is 11th from the right then what is the position of D from the left?
(1) 12th (2) 7th
(3) 10th (4) 6th
(5) None of these

3. In a row of boys Mohan is twentieth from the left end and twelfth from the right end. Pratap is fifteenth from the right end in that row. How many boys are there between Mohan and Pratap?
(1) 4 (2) 2
(3) 3 (4) 5
(5) None of these

4. In a row of students, Ramesh in 12th from the left and Kashi is 17th from the right. When Ramesh and Kashi interchange their positions Kashi becomes 27th from the right. How many students are there between Kashi and Ramesh?
(1) 9 (2) 12
(3) 7 (4) 10
(5) None of these

5. In a row of forty students R is fifth from the right end and there are ten students between R and D. What is D's position from the left end of the row?
(1) 26th (2) 23rd
(3) 24th (4) 25th
(5) Data inadequate

6. Among A, B, C, D and E each having scored different marks in an examination, B scored more than C and E and less than A and D. C's marks are not the lowest. Who scored the lowest marks?
(1) D (2) C
(3) B (4) Data inadequate
(5) None of these

7. In a column of thirty boys, M is eighth from the end and J is twelfth from the front. If there are six boys between J and Q, how many boys are there between M and Q?
(1) 10 (2) 12
(3) 8 (4) Data inadequate
(5) None of these

8. In a column of 20 boys, D is fourteenth from the front and F is ninth from the bottom. How many boy are there between D and F?
(1) 2 (2) 3
(3) 4 (4) Data inadequate
(5) None of these

9. Mohan is fourteenth from the right end in a row of 40 boys. What is his position from the left end?
(1) 25th (2) 27th
(3) 24th (4) 26th
(5) None of these

10. In a group of six children, Q is taller than P but not as tall as L. M is taller than N and O, but not as tall as P. Who is the shortest among them ?
(1) N (2) O
(3) M (4) Data inadequate
(5) None of these

11. In a group of six children T, K,V, O, M and W, T is fatter than M but not as fat as W. K. is not the fattest nor is W whereas V is the thinnest. Who is the fattest among them all?
(1) O (2) T
(3) M (4) Data inadequate
(5) None of these

12. Among five students M is heavier than K and T. B is lighter than T and P. K is not the lightest. Who among them is the lightest?
(1) K (2) B
(3) T (4) Data inadequate
(5) None of these

13. Sam ranked ninth from the top and thirty-eighth from the bottom in a class. How many students are there in the class?
(1) 45 (2) 46
(3) 47 (4) 48
(5) None of these

14. A class of boys stands in a single line. One boy is nineteenth in order from both the ends. How many boys are there in the class?
(1) 27 (2) 37
(3) 38 (4) 39
(5) None of these

15. Ajay ranked sixteenth from the top and twenty-ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in it. How many boys were there in the class?
(1) 40 (2) 44
(3) 50 (4) 55
(5) 58

16. If Atul finds that he is twelfth from the right in a line of boys and fourth from the left, how many boys should be added to the line such that there are 28 boys in the line?
(1) 12 (2) 13
(3) 14 (4) 20
(5) None of these

17. In a row of boys, Jeevan is seventh from the start and eleventh from the end. In another row of boys, Vikas is tenth from the start and twelfth from the end. How many boys are there in both the rows together?
(1) 36 (2) 37
(3) 39 (4) Can't be determined
(5) None of these

18. In a class of 60, where girls are twice that of boys, Kamal ranked seventeenth from the top. If there are 9 girls ahead of Kamal, how many boys are after him in rank?
(1) 3 (2) 7
(3) 12 (4) 23
(5) None of these

19. Nitin ranks eighteenth in a class of 49 students. What is his rank from the last?
(1) 18 (2) 19
(3) 31 (4) 32
(5) None of these

20. Manoj and Sachin are ranked seventh and eleventh respectively from the top in a class of 31 students. What will be their respective ranks from the bottom in the class?
(1) 20th and 24th (2) 24th and 20th
(3) 25th and 21st (4) 26th and 22nd
(5) None of these

21. Ravi is 7 ranks ahead of Sumit in a class of 39. If Sumit's rank is seventeenth from the last, what is Ravi's rank from the start?
(1) 14th (2) 15th
(3) 16th (4) 17th
(5) None of these

22. Bharati is 8 ranks ahead of Divya who ranks twenty-sixth in a class of 42. What is Bharati's rank from the last?
(1) 9th (2) 24th
(3) 25th (4) 34th
(5) None of these

23. In a row of boys, A is thirteenth from the left and D is seventeenth from the right. If in this row A is eleventh from the right then what is the position of D from the left?
(1) 6th (2) 7th
(3) 10th (4) 12th
(5) None of these

24. Rajan is sixth from the left end and Vinay is tenth from the right end in a row of boys. If there are eight boys between Rajan and Vinay, how many boys are there in the row?
(1) 23 (2) 24
(3) 25 (4) 26
(5) None of these

25. In a row of boys, A is fifteenth from the left and B is fourth from the right. There are three boys between A and B. C is just left of A. What is C's position from the right?
(1) 9th (2) 10th
(3) 12th (4) 13th
(5) None of these

26. Rohit is seventeenth from the left end of a row of 29 boys and Karan is seventeenth from the right end in the same row. How many boys are there between them in the row?
(1) 3 (2) 5
(3) 6 (4) Data inadequate
(5) None of these

27. In a row of forty children, P is thirteenth from the left end and Q is ninth from the right end. How many children are there between P and R if R is fourth to the left of Q?
(1) 12 (2) 13
(3) 14 (4) 15
(5) None of these

28. In a class of 35 students, Kunal is placed seventh from the bottom whereas Sonali is placed ninth from the top. Pulkit is placed exactly in between the two. What is Kunal's position from Pulkit?
(1) 9 (2) 10
(3) 11 (4) 13
(5) None of these

29. Richard is fifteenth from the front in a column of boys. There were thrice as many behind him as there were in front. How many boys are there between Richard and the seventh boy from the end of the column?
(1) 33 (2) 34
(3) 35 (4) Data inadequate
(5) None of these

30. Forty boys are standing in a row facing the North. Amit is eleventh from the left and Deepak is thirty-first from the right end of the row. How far will Shreya, who is third to the right of Amit in the row, be from Deepak?
(1) 2nd (2) 3rd
(3) 4th (4) 5th
(5) None of these

31. In a class, among the passed students, Amisha is twenty-second from the top and Sajal, who is 5 ranks below Amisha, is thirty-fourth from the bottom. All the students from the class have appeared for the exam. If the ratio of the students who passed in the exam to those who failed is 4 : 1 in that class, how many students are there in the class?
(1) 60 (2) 75
(3) 90 (4) Data inadequate
(5) None of these

32. In a queue, A is eighteenth from the front while B is sixteenth from the back. If C is twenty-fifth from the front and is exactly in the middle of A and B, then how many persons are there in the queue?

(1) 45 (2) 46
(3) 47 (4) 48
(5) None of these

33. N ranks fifth in a class. S is eighth from the last. If T is sixth after N and just in the middle of N and S, then how many students are there in the class?
(1) 23 (2) 24
(3) 25 (4) 26
(5) None of these

34. In a row of girls, there are 16 girls between Priya and Natasha. Priya is thirty-second from the left end of the row. If Priya is nearer than Natasha to the right end of the row, then how far away is Natasha from the left end of the row?
(1) Data inadequate (2) 14th
(3) 15th (4) 16th
(5) None of these

35. In a queue, Shikhar is ninth from the back. Arun's place is eighth from the front. Nikhil is standing between the two. What could be the minimum number of boys standing in the queue?
(1) 8 (2) 10
(3) 12 (4) 14
(5) None of these

36. In a row of 21 girls, when Monika was shifted by four places towards the right, she became 12th from the left end. What was her earlier position from the right end of the row?
(1) 9th (2) 10th
(3) 11th (4) 12th
(5) 14th

37. In a row of girls facing North, Reena is 10th to the left of Pallavi, who is 21st from the right end. If Malini, who is 17th from the left end, is fourth to the right of Reena, how many girls are there in the row?
(1) 37 (2) 43
(3) 44 (4) Data inadequate
(5) None of these

38. George is fifth from the left and Peter is twelfth from the right end in a row of children. If Peter shifts by three places towards George, he becomes tenth from the left end. How many children are there in the row?
(1) 21 (2) 22
(3) 23 (4) 24
(5) None of these

39. In a row of boys, if A who is tenth from the left and B who is ninth from the right interchange their positions, A becomes fifteenth from the left. How many boys are there in the row?
(1) 23 (2) 27
(3) 28 (4) 31
(5) None of these

40. Students line up in a queue in which Ashish stands fifteenth from the left and Sachin is seventh from the right. If they interchange their places, Sachin would be fifteenth from the right. How many students are there in the queue?
(1) 21 (2) 22
(3) 29 (4) None of these
(5) All of the above

41. In a row of children, Deepti is ninth from the left and Kashish is thirteenth from the right. They exchange their positions and then Deepti becomes seventeenth from the left. Find the new position of Kashish from the right end of the row.
(1) 20th (2) 21st
(3) 27th (4) None of these
(5) None of these

42. In a row of girls, Rita and Monika occupy the ninth place from the right end and tenth place from the left end, respectively. If they interchange their places, then Rita and Monika occupy seventeenth place from the right and eighteenth place from the left respectively. How many girls are there in the row?
(1) 25 (2) 26
(3) 27 (4) Data inadequate
(5) None of these

43. Nisha is taller than Suja. Nina is taller than Nisha. Nila is taller than Nina. Misha is the tallest of all. If they stand according to their height, who will be in the middle?
(1) Nisha (2) Nina
(3) Suja (4) Nila
(5) None of these

Directions: Read the following information to answer these questions:
Consider a group comprising of 4 students — Reena, Beena, Meena and Neena, who stand in a row. Reena and Beena stand in sixth and seventh positions respectively from the left. Meena and Neena stand in the fourth and fifth positions respectively from the right. When Beena and Meena exchange their positions, then Beena will be fifteenth from the left.

44. Originally, Neena's position from the left is
(1) 5 (2) 13
(3) 14 (4) 16
(5) None of these

45. Reena's position from the right is
(1) 6 (2) 13
(3) 14 (4) 18
(5) None of these

46. If Neena and Reena also exchange their positions between themselves, then after the exchange, Neena's position from the left will be
    (1) 6 (2) 10
    (3) 12 (4) None of these
    (5) All the above
47. After exchange of positions between Beena and Meena, Meena's positions from the right is
    (1) 5 (2) 10
    (3) 12 (4) None of these
    (5) All the above

Solutions

1. 5; Total number children in the row
= 12 + 18 – 1 = 29
Thus, there are 29 – 13 = 16 children to the right of Mohan.

2. 2; Total number of boys in the row
= 13 + 11 – 1 = 23
Position of D from the left
= 23 – 17 + 1 = 7th

3. 2; Total number of boys in the row
= 20 + 12 - 1 = 31
Therefore Mohan and Pratap between only two boys.

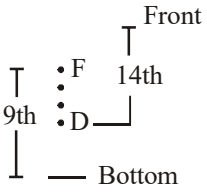
4. 1; Total number of students in the row
= 12 + 27 – 1 = 38
Position of Kashi from the left
= 38 – 17 + 1 = 22
Thus, there were nine students between Kashi and Ramesh.

5. 4; $+24$ • $+10$ • $+4$
Left → D R ← Right
Hence D's position from the left end of the row = 24 + 1 = 25th

6. 5; A and D > B > C and E
Now, according to the question, C's marks are not the lowest. Hence E scored the lowest marks.

7. 4

8. 1;



9. 2; Mohan's position from left
= 40 + 1 – 14 = 27th

10. 4; L > Q > P > M > N o O

11. 1; W > T > M and V is the thinnest.
Thus, W > T > M > V
K or W is not the fattest. Therefore, O is the fattest.

12. 2; According to question
M > K, T
B < T, P or P, T > B
And, K is not the lightest.
Thus, M > K, T > B
P, T > B
Therefore, B is the lightest among them.

13. 2; Clearly, number of students in the class
= (8 + 1 + 37) = 46.

14. 2; Clearly, number of boys in the class
= (18 + 1 + 18) = 37.

15. 4; Number of boys who passed
= (15 + 1 + 28) = 44.
∴ Total, number of boys in the class
= (44 + 6 + 5) = 55.

16. 2; Clearly, number of boys in the line
= (11 + 1 + 3) = 15.
∴ Number of boys to be added
= (28 - 15) = 13.

17. 5; Clearly, total number of boys in both the rows
= (Number of boys in Jeevan's row) + (Number of boys in Vikas' row)
= (6 + 1 + 10) + (9 + 1 + 11) = (17 + 21) = 38.

18. 3; Let the number of boys be x. Then, number of girls = 2x.
∴ x + 2x = 60 or 3x = 60 or x = 20.
So, number of boys = 20 and number of girls = 40.
Number of students behind Kamal in rank
= (60 - 17) = 43.
No. of girls ahead of Kamal in rank = 9.
No. of girls behind Kamal in rank
= (40 - 9) = 31.
∴ Number of boys behind Kamal in rank
= (43 - 31) = 12.

19. 4; Number of students behind Nitin in rank
= (49 - 18) = 31.
So, Nitin is 32nd from the last.

20. 3; Number of students behind Manoj in rank
= (31 - 7) = 24.
So, Manoj is 25th from the bottom.
Number of students behind Sachin in rank
= (31 – 11) = 20.
So, Sachin is 21st from the bottom.

21. 3; Sumit is 17th from the last and Ravi is 7 ranks ahead of Sumit. So, Ravi is 24th from the last.
Number of students ahead of Ravi in rank
= (39 - 24) =15.
So, Ravi is 16th from the start.

22. 3; Divya ranks 26th and Bharati is 8 ranks ahead of Divya. So, Bharati ranks 18th.
Number of students behind Bharati in rank = (42 - 18) = 24. So, Bharati ranks 25th from the last.

23. 2; Clearly, A is 13th from the left and 11th from

the right end of the row.

So, number of boys in the row

= (12 + 1 + 10) = 23.

Now, D is 17th from the right.

Number of boys to the left of D

= (23-17) = 6.

Hence, D is 7th from the left end of the row.

24. 2; Clearly, number of boys in the row

= (6 + 10 + 8) = 24.

25. 1; Number of boys in the row

= (15 + 4 + 3) = 22.

C is just left of A. So, C is 14th from the left end. Number of boys to the right of C = (22 - 14) = 8. So, C is 9th from the right end of the row.

26. 1; Karan is 17th from the right end.

Number of boys to the left of Karan

= (29 - 17) = 12.

So, Karan is 13th from the left end. Also, Rohit is 17th from the left end.

Clearly, there are 3 boys between Rohit and Karan.

27. 3; Q is 9th from the right end and R is fourth to the left of Q. So, R is 13th from the right end.

Number of children to the left of R

= (40 - 13) = 27.

Thus, R is 28th from the left end. Also, P is 13th from the left end.

Clearly, there are 14 persons between P and R.

28. 2; Number of students between Kunal and Sonali = 35 - (7 + 9) = 19.

Clearly, there are 9 students between Kunal and Pulkit, as well as Pulkit and Sonali. So, Kunal is 10th from Pulkit.

29. 3; Number of boys in front of Richard = 14.

Number of boys behind Richard

= (14 × 3) = 42.

∴ Total number of boys in the column

= (14 + 1 + 42) = 57.

In a column of 57 boys, the seventh boy from the end is clearly 51st from the start. Thus, we have to find the number of boys between the 15th and the 51st boy, which is clearly 35.

30. 3; Number of boys to the left of Deepak

= (40 - 31) = 9.

So, Deepak is 10th from the left end.

Shreya is third to the right of Amit. So, Shreya is 14th from the left end. Clearly, Shreya is fourth to the right of Deepak.

31. 2; Amisha is 22nd from the top and Sajal is 5 ranks below Amisha. So, Sajal is 27th from the top. Also, Sajal is 34th from the bottom.

∴ Number of students passed

= (26 + 1 + 33) = 60.

Let the number of students passed and the number failed be 4x and x respectively.

Then, Ax = 60 or x = 15.

Hence, number of students in the class

= (60 + 15) = 75.

32. 3

33. 2

34. 3; There are two possible arrangements:

But since Priya is nearer than Natasha to the right end of the row, so only arrangement 11 follows.

Number of girls to the left of Natasha in II = [31 - (1 + 16)] = 14. Clearly, Natasha is 15th from the left end of the row.

35. 2 36. 5 37. 2

38. 4; Clearly, George lies towards the left end while Peter lies towards the right end of the row. So, when Peter shifts towards George, he shifts 3 places to the left. Thus, Peter is now 15th from the right end. But, Peter is 10th from the left end.

∴ Number of children in the row

= (14 + 1 + 9) = 24.

39. 1; Clearly, A's new position is 15th from the left. But this is the same as B's earlier position which is 9th from the right.

40. 3; Sachin's new position is 15th from the right as well as the left end of the row.

∴ Number of students in the queue

= (14 + 1 +14) = 29.

41. 2; Deepti's new position is 17th from the left and 13th from the right.

So, number of children in the row

= (16 + 1 + 12) = 29.

Now, Kashish's new position is Deepti's earlier position which is 9th from the left.

∴ Number of children to the fight of Kashish = (29 - 9) = 20.

Hence, Kashish's new position is 21st from the right.

42. 2; Since Rita and Monika exchange places, sp Rita's new position is the same as Monika's earlier position. This position is 17th from the right and 10th from the left.

∴ Number of girls in the row

= (16 + 1 + 9) = 26.

43. 4; Vilas is 26th from left and Kewal is 10 places to the left of Vilas. So, Kewal is 16th from

left. Now, there are three boys between Kewal and Satish. So, Satish may be 12th or 20th from left.

Since the exact position of Satish cannot be ascertained, so the given data are inadequate.

44. 3; Clearly, Beena's new position is 15th from the left and 4th from the right.

So, number of students in the row

= (14 + 1 + 3) = 18.

Neena's original position is 5th from the right.

Number of students to the left of Neena

= (18 - 5) = 13.

Hence, Neena's original position is 14th from the left.

45. 2; Reena is 6th from the left.

Number of students to the right of Reena

= (18 – 6) = 12.

So, Reena's position is 13th from the right.

46. 1; Neena's new position is Reena's earlier position which is 6th from the left.

47. 3; Meena's new position is Beena's earlier position which is 7th from the left.

Number of students to the right of Meena

= (18 – 7) = 11.

So, Meena's position is 11th from the right.