

Linear Arrangement

1. Direction: Study the following information carefully and answer the given question:

Twelve people are sitting in two parallel rows containing six seats each in such a way that there is an equal distance between adjacent persons but not necessarily in the same order. f, G, I, J, and K are sitting in row 1 while L, M, N, O, P and Q are sitting in 2 row 2. Those who are sitting in row 1 are facing north whereas those who are sitting in row 2 are facing south.

Each person is facing the person of the other row.

Two persons sit between G and J. I does not sit to the immediate right of K. Neither G nor P sits at the extreme ends of the line F sits to the immediate left of the one who faces M. Number of persons sit to the left of C is more than the number of persons sit to the right of C. Both M and N are not immediate neighbours of each other. One person sits between L and Q. The one who faces J sits second to the right of L. N sits third to the right of P who is not an immediate neighbour of the one who faces G.

2. Eight people i.e. R, Q, M, O, N, P, L and K sit in a row but not necessarily in the same order. Some of the them face towards north direction and some of them face towards south direction K. sits second to the right of M. M sits at one of the extreme ends of the row. Two people sit between N and K who faces towards north direction. O sits to the immediate left of N who faces opposite direction to K. The number of people sit between O and K is same as the number of people sit between O and K is same as the number of people sit to the left of L, L is not a neighbour of K. Less than two people sits between O and R who faces same direction as M. R doesn't sit at the extreme end. Not more than two people sit between Q and R. P and Q face same direction but opposite to R. O faces opposite direction to P.

3. Eight people i.e. A, B, C, E, F, G, and H sit on a row with equidistance to each other, some of them face towards the north and some of them face towards the south direction.

H sits second to the left of A. One person sits between H and B who faces towards the south. G sits third to the left of B. Only one person sits between G and C who does not sits adjacent to A. F sits second to the right of C. Only one person sits between F and E . the immediate neighbour of B faces opposite directions. People sit at the extreme end faces opposite directions to each other. More than three people sit to the right of D. D and H face the same direction. E. H sits second to the left of A. One person sits between H and B who faces towards the South. G sits third to the left of B. Only one person sits between G and C who does not sits adjacent to A. F sits second to the right of C. Only one person sits between F and E. the Immediate neighbour of B faces opposite directions. People sit at the extreme end faces opposite directions to each other. More than three people sit to the right of D. D and H face the same direction. E and G face the opposite directions to each other. G and H face the opposite directions to each other.

4. A certain number of people sit in a row facing north. All the people like different fruits. U sits third from the extreme end of the row. Two people sit between U and the one who likes Banana. Four people sit between the one who likes Banana and Z. sits to the right of the one who likes Banana. Five people sit between the one who likes Orange is not a neighbour of the one who likes Banana. L sits third to the right of Z. M sits third to the right of the one who likes Orange. Q sits third to the left of M. Five people sit between Q and O. O sits at one of the extreme ends of the row.
5. Seven people i.e. P, Q, R, S, T, U, and V sit on a row equidistant to each other. All of them face towards the north direction. R sits third to the right of V. Neither R nor V sits at the extreme end of the row. Only one person sits between R and T, Q sits to the left of T, Only one person sits between U and P, P is an immediate neighbour of S, Q does not sit at the extreme end of the row.
6. Direction: Study the following information carefully and answer the given questions.
There are certain number of people sitting in a linear row and are facing north direction. Three people sit between C and B. J sits to the immediate right of B. Two people sit between J and F who sits second to the right of A. The number of people sit between B and A is same as the number of people sit between F and E. E sits at one of the extreme ends. Three people sit between C and D. N sits exactly between C and B but doesn't sit at ninth position from the right end. G sits seventh to the right of N. G sits at fourth position from one of the extreme ends.
7. P, Q, R, S, T, U and V are sitting in a row facing towards the north . They have different ages are 48 years, 46 years, 42 years, 37 years 33 years, 29 years and 21 years old.
R sits at the end of the row. Three people sit between R and the one who is 46 years old. T sits second to the right of the one who is 46years old. Three people sit between sit between the one who is 42 years old and T. Two people sit between the one who is 42 years old, and Q. P is older than R. Two people sit between Q and S. The one who is 33 years old sits third to the right of S. The one who is 48 years old sits adjacent to Q. U is younger than V. P sits adjacent to the one who is 29 years old. The sum of the ages of immediate neighbours of P is 62. R is the youngest one in the row. T is not the immediate neighbour of V.
8. certain numbers of people are sitting in a row facing north. Three people sit between D and A. E sits second to the right of A. Number of people sitting between E and D is the same as the number of people sitting between D and B . G sits third to the right of B. Two people sit between G and C . C sits at one of the extreme ends. sits at one of the extreme ends. Six people sit between F and E . Number of people sitting to the right of G is the same as the number of people sitting to the left of F.

9. There are a certain number of people sitting in linear row facing north. Five people sit between d and Q. Five people sit between |M and Q. M sits third from one end. S sits second to the right of F, who is not an immediate neighbor of R. Number of people sitting between Q and S is one less than the number of people sitting between R and N. N sits immediately to the left of D. Q sits fifth to the right of R who sits sixth to the right of L. More than 18 people sit in a row. The number of people sitting right of M is the same as sitting to the left of L.

10. Direction: Study the following date carefully and answer the questions accordingly.

Eight people are sitting in a straight line facing the north direction. S sits second from an end. Two people sit between S and F. Q sits second to the right of F. Three people sit between Q and R. One person sits between R and G. H sits to the left of N and to the right of O.

11. Twelve people are sitting in two parallel rows containing six seats each in such a way that there is an equal distance between adjacent persons but not necessarily in the same order. A, B, C, E, F and G are sitting in row 1 while L, M, N, O, P and Q are sitting in row 2. Those who are sitting in row 1 are facing north whereas those who are sitting in row 2 are facing south. Each person is facing the person of the other row. They also like different colours i.e. Red, yellow, Orange, Blue, Black and White such that each colour is liked by two persons but not necessarily in the same order.

No two persons facing each other like same colour. Two persons sit between F and the same the one who likes Black but neither of them sits at the extreme ends of the row. L Who faces D sits to the immediate right of P. B who likes Orange sits to the immediate right of E. One person sits between the one who likes blue and the one who likes White in row 2. The one who likes Red sits third to the left of M. N sits to the right of the one who sits to the immediate left of F faces the one who sits third to the right of the one who likes Orange. Q sits diagonally opposite to the one who likes Red in row 1. The one who likes Blue in row 1 faces the one who likes Orange. A sits second to the left of the one who sits third to the right of the one who likes White. O is the neighbour of the one who faces Yellow. The one who likes Red is an immediate neighbour of the one who likes Blue in row 2.

12. Ten people are sitting in two parallel rows containing five seats each in such a way that there is an equal distance between adjacent persons but not necessarily in the same order. A, B, C, D and E are sitting in row 2. Those who are sitting in row 1 are facing north whereas those who are sitting in row 2 are facing south. Each person is facing the person of the other row. They also live different floor numbered from 1 to 10 but not necessarily in the same order. The bottom most floor is numbered as 1 while the topmost floor of the building is numbered as 10.

L who lives on 4th floor sits third to the floor sits third to the left of M. The one who lives on the bottom most floor of the building faces the one who lives on the top most floor of the building. No two adjacent persons sit in the alphabetical order. C sits to the right of E who does not face the immediate neighbour of O. A who lives on an even numbered floor of the building sits second to the right of the one who lives on 7th floor, Only two persons sit

between the one who faces C and the one who lives on 5th floor. N does not sit at the extreme right end of the row. B who faces the one who lives on 3rd the one who lives floor sits to the immediate left of the one who lives on 9th floor. The one who lives on the bottommost floor of the building sits in the row 1. C lives on a prime numbered floor. Only one person sits between the one who faces the one who sits to the immediate left if A and N.

13.Direction: Study the following information carefully and answer the following questions.

Seven people, P, Q, R, S, T, U and V sitting in a straight line facing north, not necessarily in the same order. R sits at one of the extreme ends of the line. T has as many people sitting on his right, as on his left. S sits third to the left of V. Q sits on the immediate left of U. Q does not sit at any of the extreme ends of the line.

14.Direction: Study the following information carefully and answer the given questions.

Nine people A, B, C, D, E, F, G, H and I are sitting in a row and all are facing north. No one sits to the right of I. C sits exactly in the middle of the row. D does not sit adjacent to neither C nor I. D is fourth to right of F. G and H are sitting next to each other. H does not sit at any extreme end. A is second to the right of H. E is the neighbor of D but not of C.

15.Direction: Study the following question carefully and answer the following questions.

Eight people i.e, A, B, C, D, E, F, G and H sit in row. All of them face towards the north but not necessarily in the same order. Three people sit between A and D. B sits third to the left of A and sits at the end. Three people sit between B and G. C sits third to the right of H. E sits to the left of F.

16. There are certain number of people sitting in a linear row and are facing north direction. Three people sit between D and S. P sits to the immediate right of S. Two people sit between D and F who does not sit adjacent to S. L sits to the immediate left of K. The number of people sit between D and P is same as the number of people sit between K and P. B sits second to the right of F. The number of people sit between B and D is same as the number of people sit between B and H. One people sits either to the left or right of H. L sits at one of the extreme ends.

17. A certain number of people are sitting in a linear row and facing towards the north direction. H is sitting seventh to the left of C. H is sitting third from the extreme end of the row. Three people are sitting between H and J. N is sitting second to the right of J. L is sitting at one of the extreme ends of the row. Seven people are sitting between N and L. Number of people sitting between L and C is the same as the number of people sitting to the left of J.

18. Eight people are sitting in a row. Some of them are facing north and some are facing south direction. Five people sit to the right of J. Three people sit between J and K. W sits second to the right of K. Three people sit between W and L. V, who faces south direction, sits third to the right of L. V and L face the same direction. Y sits second to the right of P, who is not a neighbor of W. M sits to the left of W and both faces opposite directions. K is not sitting to the right of Y