

Linear puzzle

Direction (1-5): Study the information and answer the following questions:

Ten persons A, B, C, D, E, F, G, H, I and J are sitting in a row some are facing north and some are facing south (but not necessarily in the same manner).

(Note: Facing the same direction means if one is facing north then the other also faces north and vice versa. Facing opposite direction means if one is facing north then the other faces south and vice versa).

Six persons sit between A and D and none of them sits at any end of the row. Both A and D faces same direction. Two persons sit between E and D. I sits fourth to the left of E. Only one person sit between H and I. C sits to the immediate left of H. G and B are not the immediate neighbors of A. Persons sitting at the end face opposite directions. Immediate neighbors of D face same direction as D. Two persons sit between J and G. F faces north. G and B face same direction as J. Immediate neighbors of E face opposite direction. The number of person facing south is not equal to the number of person facing north.

1. Who among the following sits to the immediate left of B?
(A) G (B) E
(C) I (D) A
(E) None of these
2. How many persons sit between F and H?
(A) None (B) One
(C) Two (D) Three
(E) More than three
3. What is the position of A with respect to F?
(A) Third to the right (B) Second to the left
(C) Immediate right (D) Immediate left
(E) None of these
4. Who among the following sit at the extreme end of the row?
(A) G (B) B
(C) J (D) F
(E) None of these

5. How many persons face south?
(A) One (B) Two
(C) Three (D) Four
(E) More than four

Direction (6-10): Study the following information carefully and answer the given questions.

Three persons sit between S and P. R sits second to the left of P. P, who likes green colour sits fourth to the left of S. Y sits fifth to the right of S. X likes purple colour and sits second to the left of Y. N sits fourth to the right of X. Only four persons sit to the right of N. The one who likes magenta colour sits second to the left of P. T sits second to the left of R. Only four persons sit to the left of T. M, who sits at extreme left end likes yellow colour. T likes orange colour. The one who likes violet colour sits third to the left of S. The one who likes blue colour sits second to the right of Y. Z sits fourth to the right of N and O sits second to the left of Z.

6. Who sits at extreme right end?
(A) O (B) N
(C) Z (D) P
(E) T
7. Who likes Blue Colour?
(A) Y (B) S
(C) N (D) T
(E) M
8. What is the position of X with respect to P?
(A) Seventh to the right
(B) Fifth to the left
(C) Third to the right
(D) Second to the right
(E) Fourth to the left
9. Who sits exactly between N and Z?
(A) X (B) R
(C) T (D) O
(E) None of these

10. Who likes Magenta colour?
(A) P (B) S
(C) Y (D) R
(E) None of these

Direction (11-15): Study the following information carefully and answer the given questions.

Certain number of persons are sitting in a row facing north. M sits 4th to the right of S. Five persons sit between M and X. T sits at one of the positions left to S. The number of persons sitting between M and U are same as between S and T. Q is 2nd from one of the extreme ends. Four persons sit between S and U. No one sits to the right of N, who is immediate right to P. X is 3rd left to P. Not more than two persons sit between Q and U.

11. How many persons are sitting in the row?
(A) 17 (B) 20
(C) 24 (D) 26
(E) 27
12. How many persons are sitting between S and T?
(A) seven (B) six
(C) five (D) four
(E) eight
13. What is the position of U from the left end?
(A) 6th (B) 5th
(C) 4th (D) 2nd
(E) 3rd
14. How many persons are sitting between Q and M?
(A) seven (B) eleven
(C) ten (D) nine
(E) eight
15. Which of the following represents the person sitting at extreme end?
(A) M (B) U
(C) X (D) P
(E) T

Direction (16-20): Study the following information carefully and answer the given questions.

There are 10 people B, C, F, J, L, M, P, R, U and X sitting in a row and all of them are facing north direction.

- * J is fourth to the left end.
- * R is an immediate neighbour to J.
- * Two persons sit between F and B.
- * M sit Second to the right of J.
- * X sits fourth to the left of C.
- * C and M are immediate neighbor.
- * F is not at extreme end of the row.
- * L is immediate left to B.
- * U is sit left to L but not immediate left.

16. Who sits exactly between M and P?
(A) F (B) R
(C) L (D) B
(E) None of these
17. How many persons sit between P and C?
(A) Three (B) Four
(C) Two (D) Five
(E) Six
18. Four of the following five are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which of the following does not belong to that group?
(A) U (B) J
(C) B (D) P
(E) M
19. What is the position of C with respect to P?
(A) Third to the left (B) Immediate right
(C) Second to the right (D) Third to the right
(E) Second to the left
20. Who among the following sit at the extreme end of the row?
(A) R, M (B) X, P
(C) B, X (D) R, C
(E) X, M