

MIX ARRANGEMENT

Directions (1-5): Eight members P, Q, R, S, T, U, V and W of a family are sitting around a rectangular table with all of them facing outwards north. Each one of them like different type of music instruments viz. XYLOPHONE, Balafon, Guitar, Piano, VIOLIN, TRUMPET, Accodion and Flute. Three married couples are there in the family. W is the only sister-in-law of P whereas Q likes TRUMPET and daughter-in-law of RP who is the father of U and uncle of V, sits to the left of the person who likes XYLOPHONE. U is an immediate neighbor of her aunty W who does not sit next to S. R does not like Flute or Accodion. The two youngest members sit next to each other. The one who likes the Balafon sits between V and the one who likes VIOLIN. V is third to the left of S. The one who likes TRUMPET sits between the persons who like Accodion and Flute Respectively. S's husband and son sit next to her. Piano is not liked by V's father. V does not like Guitar or Accodion. S is the mother of P and T, and sits second to the left of T.

1. Which of the following statements is true regarding the family?
 - a) P is the brother of W
 - b) R is the father-in-law of U
 - c) Q is the aunty of V
 - d) U and V are married couple
 - e) None of the Above
2. Who among the following sits between Q and the one who likes Balafon?
 - a) P
 - b) T
 - c) S
 - d) V
 - e) W
3. What is the position of the person who likes Piano with respect to the one who likes TRUMPET?
 - a) Third to the right
 - b) Second to the left
 - c) Immediate left
 - d) Third to the left
 - e) Fourth to the left
4. Who among the following likes Guitar?
 - a) W
 - b) U
 - c) V
 - d) X
 - e) T
5. Which of the following options represent a pair?
 - a) Y, X
 - b) W, T
 - c) W, R
 - d) S, U
 - e) None of the above

Directions (6-10): Eight persons A, B, C, D, E, F, G, and H are sitting in a straight line but not necessarily in the same order. Some of them are facing north while some are facing towards south direction.

A sits fourth to right of H. Both A and H faces same direction. B sits third to left of H. More than three friends sit between C and G. C sits not adjacent to B and H. F sits third to left of G. The one who sits on extreme end faces opposite direction (Opposite direction means if on faces north direction then other faces south direction and vice-versa). D sits immediate right of F who faces south direction. Immediate neighbor of D faces same direction as D (Same direction means if D faces north then both neighbors of D faces north and

vice-versa). Immediate neighbor of H faces opposite direction (Opposite direction means on neighbor faces south direction then other faces north and vice-versa).

6. Who among following sits second to right of B?
 - a) H
 - b) E
 - c) G
 - d) A
 - e) No one.
7. How many persons face south direction?
 - a) two
 - b) four
 - c) three
 - d) five
 - e) None of these
8. Who among following sits second to right of D?
 - a) A
 - b) H
 - c) C
 - d) B
 - e) F
9. Who among following sits on the extreme end?
 - a) D, A
 - b) H, B
 - c) C, A
 - d) B, A
 - e) F, B
10. Who among following sits third to left of E?
 - a) A
 - b) D
 - c) C
 - d) B
 - e) F

Directions (11-15): There are 16 persons A, B, C, D, E, F, G, H, I, P, Q, R, S, T, U, V and W standing in a square plot. Inside a Square plot, a square shaped garden is developed. The persons who are standing inside the garden facing outside. The persons who are standing outside the garden facing inside the centre. So all the persons standing in the inner square faces the persons standing in the outer Square.

G faces the centre and W faces G. D sits second to the right of G. There are four persons sits between G and E. D is not an immediate neighbour of E. There are three persons standing between I and E. There are two persons standing between I and B. B stands exactly between the E and F. F stands to the immediate left of G. There are two persons standing between W and U. U faces H. T faces outside. There are two persons standing between T and Q. T faces C. Q stands to the immediate left of W. R, the one who faces B stands exactly between the persons P and V. P faces E.

11. In the given arrangement, if three people come and stand to the immediate left of E, how many people will sit between F and C?
 - a) Two
 - b) Three
 - c) Four
 - d) More than four
 - e) One
12. Who amongst the following faces S?
 - a) C
 - b) B
 - c) None
 - d) D
 - e) E
13. How many people stand between V and U?
 - a) Two
 - b) Three
 - c) Four
 - d) More than four
 - e) One
14. Four of the following five are alike in a certain way based upon their arrangement and so form a group. Which of the following does not belong to the group?
 - a) EP
 - b) FV
 - c) UH
 - d) GW
 - e) IQ

15. Who amongst the following sits at the corner of the outer square?
- a) P b) U c) Q
d) E e) None of these

Directions (16-20): Eight people A, B, C, D, E, F, G and H are sitting in a straight line with equal distances between each other, but not necessarily in the same order. Some of them are facing North and some of them are facing south. All have different ages 14, 16, 17, 19, 21, 23, 26, 31, but not in same order.

A sits at one of the extreme ends of the line. Only three people sit between A and G. E sits exactly between A and G. H sits third to the right of E. B is an immediate neighbour of H and faces south. C sits second to the right of F. C is not an immediate neighbour of G. Immediate neighbour of G face opposite directions (i.e. if one neighbour faces North then the other neighbour faces south and Vice-Versa). A and D face the same direction as E (i.e. if E faces north then A and D also face North and Vice-Versa). Both the immediate neighbours of E face south. Three people sit between B and 16 yr old. 23 yr old sits immediate left of B. Three persons sit between 26 yr and C. The difference of ages of neighbors of C is 15. Neither B nor C is the youngest. B is elder than C. The difference of ages of neighbors of G is 7.

16. In the given arrangement, if three people come and sit to the immediate left of E, how many people will sit between F and C?

a) Two b) Three c) Four
d) More than four e) One

17. Who amongst the following age is 14?

a) A b) B c) None
d) D e) E

18. How many people face South as per the given arrangement?

a) Two b) Three c) Four
d) More than four e) CBD

19. Four of the following five are alike in a certain way based upon their seating arrangement and so form a group. Which of the following does not belong to the group?

a) EC b) AF c) BF
d) CG e) DG

20. Who amongst the following sits at the extreme end of the row?

a) 21 yr old b) C c) 23 yr old
d) E e) None of these

Directions (21-25): Study the information carefully and answer the given questions:

Ten friends are sitting in two parallel rows of six seats each. One seat is vacant in each row. M, N, O, P and Q are sitting in row-1 facing South. D, E, F, G and H are facing North. Each likes different brands of Smartphone i.e. Lenovo, Samsung, Oppo, Lyf, Vivo, Apple, Lava, Motorola, Gionee and Redmi. G sits third to the right of F and likes Lyf. Only two people sit between E and the vacant seat. E does not

like Vivo or Oppo. Q is not an immediate neighbour of O. N likes Redmi. The one who likes OPPO faces the one who likes Motorola. The one who likes OPPO sits opposite to the one who sits third right of the person who sits opposite to G. O is not an immediate neighbour of P. H, who likes neither Vivo nor Apple, does not face the vacant seat. Neither G nor F sits at any of the extreme ends of the row. P faces F. Vacant seats are not opposite to each other. Two seats are there between O and N, who sits third right of the one who likes Lava. The one who likes Gionee faces the one who likes Lyf. The persons who like the Lenovo and Motorola are adjacent to each other. Vacant seat of row – 1 is not an immediate neighbour of P. E sits at one of the extreme ends of the row. F does not like Lenovo and Motorola. Vacant seat of row-1 does not face G who doesn't sit at any of the extreme ends of the row.

21. In the given arrangement, if two people come and sit to the immediate left of E, how many people will sit between D and E?

a) Two b) Three c) Four
d) More than four e) One

22. Who amongst the following sits third to the right of F?

a) The one who likes Lyf b) E
c) None of these d) D
e) The one who likes Vivo

23. Which of the following faces the vacant seat of Row – 1?

a) The one who likes Lyf b) E
c) None of these d) F
e) The one who likes Vivo

24. Four of the following five are alike in a certain way based upon their seating arrangement and so form a group. Which of the following does not belong to the group?

a) QE b) ND c) HO
d) PG e) FP

25. Who amongst the following sits at the extreme end of the row?

a) Q, E b) N, D c) P, G
d) F, P e) None of these

Directions (26-30): Study the information carefully and answer the given questions:

There are 16 persons – B, C, D, E, F, G, H, I, P, Q, R, S, T, U, V and W standing in a Circular plot. Inside a circular plot, a circularly shaped garden is developed. The persons who are standing inside the garden facing outside. The persons who are standing outside the garden facing inside the centre. So all the persons standing in the inner circle faces the persons standing in the outer circle.

G faces outside and S faces G. D sits immediate right of G. There are four persons sits between G and E. H is not an immediate neighbour of E. There are two persons standing between D and H. H faces R. There are three persons standing between R and U. U stands exactly between the B and F. B faces d) There are two persons standing between P and C. Neither S nor R is an immediate neighbour of P. I stands to the immediate left

of H. I faces T. The one who faces F stands exactly between the persons Q and W. W faces P. H stands second to the left of G.

26. In the given arrangement, how many people will sit between B and T?
 a) Two b) Three c) Four
 d) More than four e) One
27. Who amongst the following sits second to the right of T?
 a) F b) Q
 c) Other than those given as options
 d) U e) C
28. If persons counted from the right of G, then how many people stand between G and E as per the given arrangement?
 a) Five b) Three c) Four
 d) More than four e) Two
29. Four of the following five are alike in a certain way based upon their seating arrangement and so form a group. Which of the following does not belong to the group?
 a) F b) E c) C
 d) G e) V
30. Who amongst the following stands in the Inner Circle?
 a) T b) F c) Q
 d) P e) S

Directions (31-32): Study the information carefully and answer the given questions:

Six friends - Arun, Bhushan, Chitra, Dinesh, Eknath and Farid - sit around a circular table and face towards its centre. They play the game 'Chinese Whispers' wherein a participant passes the message received from the participant sitting to his/her immediate left to the participant sitting to his/her immediate right. Each participant can speak exactly two of the following six languages: Arabic, Brahmi,

- Chinese, Danish, English and French. The following information is known about the languages spoken by the six friends:
- No person can speak a language that starts with the same letter as his/her name.
- Each language is spoken by exactly two persons.
- Danish is not spoken by Arun and Farid whereas Brahmi is not spoken by Arun and Dinesh.
- Chitra cannot speak English or French whereas Eknath cannot speak Danish or French.
- Arun can speak Chinese whereas Chitra can speak Brahmi.

Dinesh and Farid can speak one common language.

One person can speak English and French both but nobody can speak Danish and English both.

One person initiates the message. Every person can convey the message using the language he/she can speak. Similarly, every person can understand the message conveyed only in the language he/she can speak. The message can complete the circle if it can be conveyed to all other participants. If the message cannot be conveyed further, the circle is said to be broken.

Suppose Chitra, Bhushan, Arun and Dinesh sit on the table in that order and Arun initiates the message. If the message can complete the full circle,

31. Which of the following cannot be correct?
 a) Farid and Eknath can speak Arabic.
 b) Farid sits between Dinesh and Eknath.
 c) Eknath sits next to Dinesh.
 d) Bhushan and Arun can speak one common language
32. Which of the following cannot be correct?
 a) Bhushan can speak Arabic and Eknath can speak Chinese.
 b) Eknath cannot speak Brahmi and can speak one language spoken by Arun.
 c) Farid cannot speak Arabic or Brahmi.
 d) Chitra and Farid can speak one common language
 e) while Eknath and Bhushan do not have any common language.

Directions (33-35): Study the information carefully and answer the given questions:

Eight friends - A, B, C, D, E, F, G and H - play a game sitting around a circular table such that the distance between any two adjacent players is the same and all are facing the centre of the table. The game consists of 2 rounds. In round 2, A & B, C & D, E & F and G & H interchange their positions with each other. The following information is also known:

In round 1, D is sitting 2 places to the left of F.
 In round 2, H is sitting 3 places to the right of D.
 In round 1, B is sitting opposite C.
 In round 2, G is sitting opposite C.

33. Who is sitting opposite E in round 2?
 a) A b) B
 c) H d) Cannot be determined
34. Who is sitting opposite E in round 1?
 a) A b) F
 c) H d) Cannot be determined
35. Who is sitting 2 places to the right of D in round 2?
 a) B b) G
 c) F d) Cannot be determined

Answer Key

1. C	2. D	3. A	4. E	5. B	6. E	7. D	8. A	9. D	10. B
11. E	12. D	13. B	14. C	15. D	16. C	17. C	18. B	19. A	20. C
21. B	22. A	23. E	24. E	25. A	26. B	27. A	28. C	29. D	30. C
31. C	32. D	33. C	34. A	35. D					