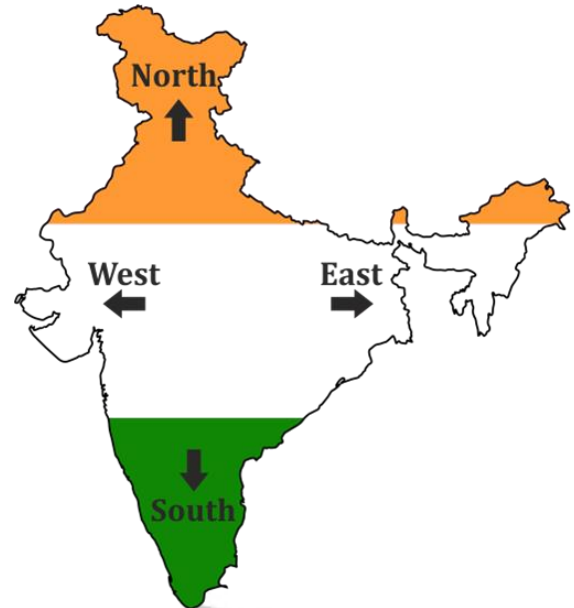
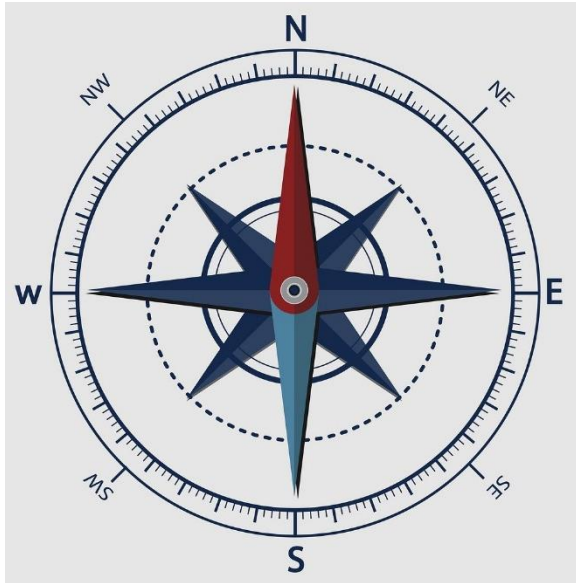


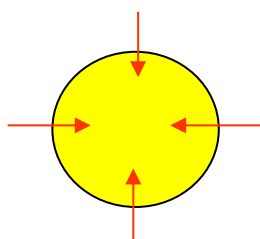
SEATING ARRANGEMENT



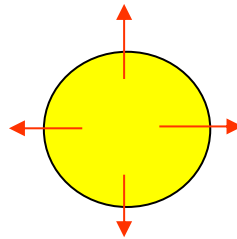
• MODELS:

CIRCLE :

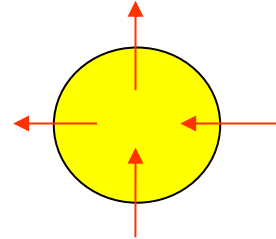
- (i) Seating in a circle facing centre (or) facing inside.
- (ii) Seating in a circle facing outside of the circle.
- (iii) Seating in a circle some of them are facing inside and some of them are facing outside



(i)



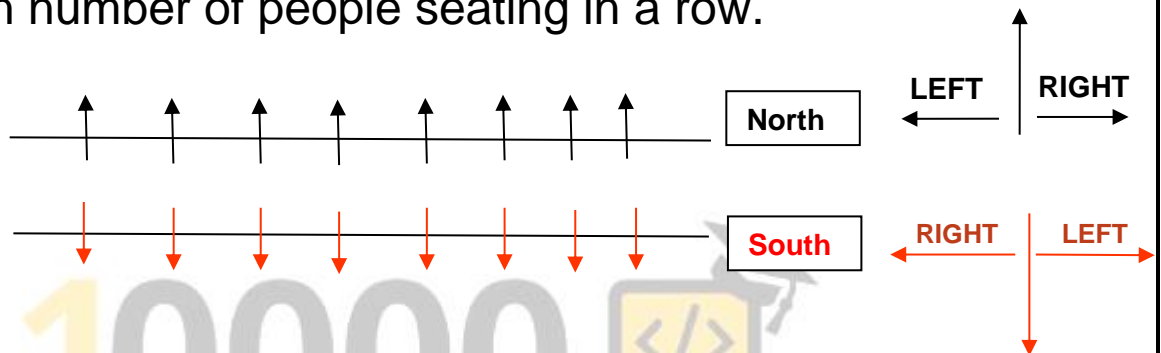
(ii)



(iii)

ROW :

- Seating in a row facing north direction.
- Seating in a row facing south direction
- First row facing north direction and second row facing South direction (or) Vice versa.
- Uncertain number of people seating in a row.



Problems on Circle:

- 1) "There are 8 friends – Ravi, Sita, Avinash, Manohar, Santhosh, Jyothi, Priyanka, and Pallavi – seated in a circle opposite to each other, facing the center, and all of them seated according to the regular directions ."Ravi seated opposite to Pallavi, who is facing north direction Manohar seated in north east-direction and immediate neighbour of santhosh. Avinash seated at South west corner, Jyothi and Priyanka are not immediate neighbours. Sita sits opposite to Priyanka.

1. Who sits at the east direction ?

Problem: Facing inside

a) Pallavi b) Priyanka c) Santhosh d) Avinash

2. Who sits opposite to Priyanka ?

- a) Ravi b) Santhosh c) Sita d) Manohar

3. What is the position of Manohar with respect to Pallavi ?

- a) Second to the right
b) Fourth to the left
c) Fourth to the right.
d) None of the above

4. Who sits immediate left of Avinash ?

- a) Jyothi b) Santhosh c) Pallavi d) Sita

2) Eight people M, N, O, P, Q, R, S and T are sitting around a Circular Dining table but not necessarily in the same order. N sits second to the left of M. Three people are sitting between N and S. P is the immediate neighbour of S. R and N are not immediate neighbours. O sits second to the left of P. Only three people sit between R and O.

Problem: Facing inside

1. Who among the following is sitting third to the right of R ?

- a) M b) R c) N d) T

2. Who sits opposite to S ?

- a) M b) Q c) N d) R

3. Who sits third to the left of O ?

- a) T b) Q c) P d) Can't be determined

4. How many people sits between S and N when counting from right of S ?

- a) 2 b) 5 c) 3 d) 4

3) Study the following information carefully and answer the questions given below:

A,B,C,D,E,F,G,H and K are sitting around a circle facing the centre. F is fourth to the right of A, who is third to the right of B. K is fourth to the left of B and third to the right of D. C is third to the right of H. E is second to the left of G.

Problem: Facing inside

1. In which of the following combinations is the third person sitting between the first and the second person ?

- a) GFB b) ADC c) EGF d) KEC

2. B is related to E in a certain way based on the given seating arrangement. In the same way A is related to H. To whom among the following is D related to, following the same pattern ?

- a) G b) C c) A d) H

4) Eight persons- A, B, C, D, E, F, G, and H are sitting at the circular table and facing outside but not necessarily in the same order. C sits third to the left of E. Only one person sits between E and F. G sits immediate right of H. H neither sits opposite to C nor F. The number of persons sitting between F and G is the same as between E and A. B does not sit adjacent to A. D sits second to the right of B.

**Problem: Facing
Outside**

1. Who among the following person sits as an immediate neighbour of F ?

- a) The one who sits immediate left of D
b) B
c) The one who sits second to the left of B
d) Both b and c

2. Who sits opposite to A ?

- a) H b) F c) A d) None of these

3. Who sits immediate left of C ?

- a) A b) D c) F d) G

5) Study the following information carefully and answer the given questions.

Problem: Some facing Inside and some facing outside.

Eight friends **A, B, C, D, E, F, G** and **H** are sitting in a circle. Three of them facing outside the centre and others are facing towards the centre of the circle. **B** sits third to the right of **F**. **D** is not immediate neighbour of **H**. **C** sits third to left of **D**, who is second to right of **A** and among these three friends, one faces outside the centre of the circle. Two friends sit between **H** and **E** and two friends sit between **F** and **E**. **C** sits second to left of **G**, who faces the centre of the circle. **B** faces the centre of the circle. **E** is not opposite to **F** and **C**.

1. Which of the following friends faces outside the centre of circle ?

- a) F b) D c) E d) C

2. If all the persons changes their positions with the person sits opposite to them, then who sits second to the left of D ?

- a) E b) A c) F d) None of these

3. Who sits second to the right of G ?

- a) F b) H c) D or B d) H or D

4. How many friends sits between H and G ?

- a) Three b) None c) One d) Two

6) Study the following information carefully and answer the given questions.

Problem: Facing inside around a square table.

Eight friends S, T, U, V, W, X, Y and Z are sitting around a square table in such a way that four of them sit at four corners of the table while four sit in the middle of each of the four sides. The one who sit at the four corners face the centre while those who sit in the middle of the sides face outside.

V sits third to the right of S. S faces the centre. Z faces the centre but is not an immediate neighbour of S or V. W sits third to the right of U. U does not sit in the middle of any of the sides and also U is not an immediate neighbour of Z. Only one person sits between S and X . T is not an immediate neighbour of X.

1. Who among the following sits fourth to the right of W and fifth to the right of S.

- a) Z and Y b) V and X c) V and T d) T and W

2. If all the persons are made to sit in alphabetical order in clockwise directions, starting from S, then the positions of how many (excluding S) will remain unchanged as compared to their original seating positions ?
- a) None b) One c) Two d) Three
3. Who among the following is different from others in the given sitting arrangement ?
- a) U b) X c) S d) T

Problems on Rows :

Problem: Facing North in a line.

- 1) Six people **A, B, C, D, E** and **F** are seating in a row facing north direction. **D** is seating at one of the extreme end of the row, neither **A** nor **E** are seating at extreme ends. **B** is seating at immediate left of **E** who is the immediate neighbour of **D**, **A** is seating at right side of **F**, Who is not seating at any extreme end of the row.

1. Who are seating at extreme ends of the row ?

- a) B D
b) F E
c) D C
d) A E

2. Who is the immediate left of the person B ?

- a) A
b) E
c) C
d) F

3. Who sits third to the right of the person C ?

- a) D
- b) E
- c) B
- d) A

4. How many persons sits to the left of D ?

- a) 4
- b) 2
- c) 5
- d) 1

2) Study the following information carefully and answer the given questions.

Problem: Facing North in a straight line

P, Q, R, S, T, U, V and W are sitting in a straight line facing north but not necessarily in the same order.

U sits second to the right of S and sits at one of the extreme ends of the line. Only three persons sit between S and V. R sits second to the left of T. P is not an immediate neighbour of Q, who is not an immediate neighbour of S. There is only one person between W and T. No one sits between W and Q.

1. Who among the following sits at the extreme left end of the line?

- a) R
- b) Q
- c) P
- d) Can't be determined

2. What is the position of T with respect to P ?

- a) Immediate right
- b) Third to the left
Second to the right
- c) None of these

3. Who among the following sits third to the left of P ?

- a) T
- b) Q
- c) W
- d) Can't be determined

Problem: Facing South in a straight line

3) Five friends are sitting in a row facing south in such a manner that **M** is sitting 3rd to the right of **H** who is sitting at extreme left end. **N** is sitting 2nd to the left of **M**. **K** is sitting adjacent to **N**. **L** is sitting to the right of **M**.

1. Who is sitting at the extreme right end ?

- a) H b) M c) K d) L

2. Who is third from extreme left end ?

- a) M b) K c) None of these d) L

4) Seven people, 1, 2, 3, 4, 5, 6 and 7 are sitting in a straight line, facing south. Only two people sit to the left of 1. Only three people sit between 5 and 1. 2 sits third to the right of 3. 4 sits to the immediate right of 6. 3 sits at one of the extreme end.

1. How many people sit between 7 and 4 ?

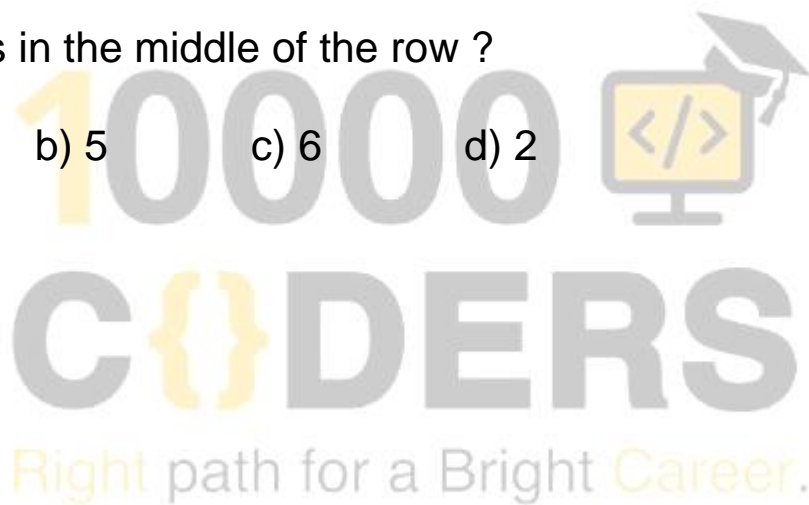
a) Two b) One c) Three d) four

2. Who is at the extreme left end ?

a) 5 b) 4 c) 3 d) 1

3. Who is in the middle of the row ?

a) 4 b) 5 c) 6 d) 2



5) Study the following information to answer the given question:

Problem: Row1 face South.
Row2 face North.

Twelve people are sitting in two parallel rows containing six people each such that they are equidistant from each other.

In row 1: P, Q, R, S, T and V are seated and all of them are facing South.
In row 2: A, B, C, D, E and F are seated and all of them are facing North.
Therefore in the given seating arrangement, each member is seated in a row faces another member of the other row.

- S sits third to the right of Q.
- Either S or Q sits at an extreme end of the line.
- The one who faces Q sits second to the right of E.
- Two people sit between B and F.
- Neither B nor F sits at an extreme end of the line.
- The immediate neighbour of B faces the person who sits third to the left of P.
- R and T are immediate neighbours
- C sits second to the left of A
- T does not face the immediate neighbour of D.

1. Who among the following face A ?

- a) P b) S c) T d) Q

2. Who among the following face R ?

- a) B b) P c) D d) E

3. Among the whom are seated at extreme ends ?

- a) P B b) V E c) C D d) A Q

Problem: In a row some faces south and some face north.

6) Directions: Eight persons A, B, C, D, E, F, G and H are sitting in a line and an equal number of persons are facing north and south direction. Not more than two consecutive adjacent persons face in the same direction. Persons at extreme ends face in the same direction.

A sits third to the right of D, who sits immediate right of H. H faces north direction. Two people sit between A and E. D does not sit at the extreme end. B sits immediate right of C and both face south direction. B and A are not adjacent to each other. G does not face south.

1. Who among the following face north direction ?

- a) E A b) B H c) H F d) Both a and c

2. Who are extreme ends of the row ?

- a) B A b) E F c) G H d) B D

3. How many people seat between B and G ?

- a) 1 b) 2 c) 3 d) 4

4. If G interchanged his place with D, then who is second from the extreme right end of the row.

- a) B b) D c) G d) E