

NTSE

Seating Arrangement

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In These type of questions, some clues regarding seating or placing sequence (linear or circular or rectangular) of some persons or items is given. The candidate is required to form the proper sequence using these clues and answer the given questions accordingly.

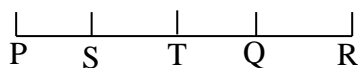
Linear Seating Arrangements

Ex 1. Who among P, Q, R, S and T is in the exactly middle while standing in a line?

- (i) Q is to the immediate right of T.
- (ii) S is exactly between P and T.
- (iii) Q is exactly between T and R.

- (A) P (B) Q
- (C) R (D) T

Sol. (D) On the basis of information, we have the arrangement of the persons in a line as under:-



Directions: (2 to 4) Study the given information and answer the question that following.

Five persons are standing in a queue. One of the two persons at the extreme ends is a Professor and the other is a Businessman. An Advocate is standing to the right of a student. A Author is to the immediate left of the Businessman. The Student is between the Professor and the Advocate.

Ex 2. Counting from the left the Author is at which place?

- (A) First (B) Second
- (C) Third (D) Fourth

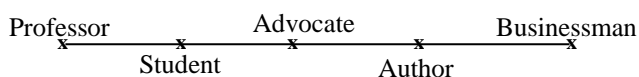
Ex 3. Which of the following is in the exactly middle of the queue?

- (A) Professor (B) Advocate
- (C) Student (D) Businessman

Ex 4. If advocate and the Businessman exchange their positions, also the Author and the Student, then who will be standing to the left of the student?

- (A) Author (B) Businessman
- (C) Professor (D) Advocate

Sol. (2 to 4) On the basis of the information given in the question, we have the arrangement of standing order of persons as per figure.



- 2. (D) Author is fourth from the left.
- 3. (B) Advocate is in the middle of queue.

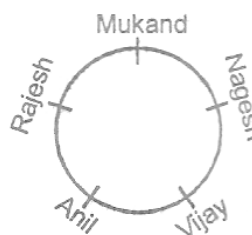
- 4. (B) Businessman will be to the left of Student if Advocate and Businessman, Author and Student exchange their positions.

Circular Seating Arrangements

Ex 5. Five persons were playing cards game sitting in a circle all facing the centre. Mukund was to the immediate left of Rajesh, Vijay was to the right of Anil and between Anil and Nagesh. Who was to the immediate right of Nagesh?

- (A) Vijay (B) Rajesh
- (C) Anil (D) Mukund

Sol.



Directions: (6 to 8) Read the following information and answer the questions that follow:

- (i) Six friends A, B, C, D, E and F are sitting in a closed circle facing the centre.
- (ii) E is to the immediate left of D.
- (iii) C is exactly between A and B.
- (iv) F is between E and A.

6. Who is to the immediate left of B?

- (A) A (B) C
- (C) D (D) E

7. Who is to the immediate right of C?

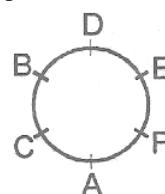
- (A) A (B) B
- (C) D (D) E

8. Which of the above given statements is superfluous?

- (A) (i) (B) (ii)
- (C) (iii) (D) All are required

Sol. : (6 to 8) Clearly, in the circle the arrangement is as shown:

- 6. (C) Clearly, D is to the immediate left of B.
- 7. (A) Clearly, A is to the immediate right of C.
- 8. (D) Since all the statements are necessary to determine the arrangement, none of them is superfluous.



EXERCISE

Directions: (1 to 4) Study the given information and answer the questions that following.

- (i) P, Q, R, S, T, U and V are sitting in a row facing East.
- (ii) R is on the immediate right of S.
- (iii) Q is at an extreme end and has T as his immediate neighbour.
- (iv) V is exactly between T and U.
- (v) S is sitting third from the South end.

1. Who is sitting to the immediate right of T?
(A) P (B) V
(C) S (D) U
2. Which of the following pairs of people are sitting at the extreme ends?
(A) PQ (B) PS
(C) QR (D) UB
3. Name the person who is at the third place from the North end.
(A) T (B) U
(C) V (D) S
4. Immediately between which of the following pairs of people is S sitting?
(A) PR (B) PU
(C) RT (D) RU

Directions: (5 to 6) Are based on the information given below:

A group of seven singers, facing the audience, are standing in a line on the stage as follows:

- (i) d is to the immediate right of C.
- (ii) F is to the immediate neighbours of G.
- (iii) B is to the immediate left of F.
- (iv) E is to the immediate left of A.
- (v) C and B have one singer between them.
- (vi) A and D have one singer between them.

5. Which of the following pairs of singer are sitting at the extreme ends?
(A) D,G (B) F,A
(C) E,G (D) E,F
6. Immediately between which of the following pairs of singer is D sitting?
(A) A,B (B) F,A
(C) B,C (D) E,F

Directions: (7 to 8) Answer the questions based on the following information.

6 men R,S,T,U,V and W sat around a circular table playing cards. It was noticed that no two men the initial letters of whose names are adjacent in the alphabetical order, sat next to each other, U was opposite of R. V was not to the immediate right of R.

7. Who sat to the immediate left of R?
(A) S (B) T
(C) V (D) W
8. Who sat to the immediate right of R?
(A) S (B) T
(C) V (D) W

Directions: (9 to 13) Study the following information and answer the given questions that following.

- (i) Eight friends A,B,C,D,E,F,G and H are seated in a circle facing centre.
- (ii) D is between B and G and F is to the immediate neighbours of A and H.
- (iii) E is second to the right of A.

9. Which of the following is A's position?
(A) Immediate left of F
(B) Immediate right of F
(C) Exactly between E and F
(D) Can't be determined
10. Which of the following is C's position?
(A) Exactly between E and A
(B) Between G and E
(C) Second to the left of B
(D) Can't be determined
11. Who are the immediate neighbours of D?
(A) B and C (B) C and E
(C) B and G (D) B and G or Band H
12. If the positions of B and G and D and A are interchanged then who is sitting between B and G in new position.
(A) D (B) A
(C) H (D) E
13. If B is sitting opposite to C and H is sitting opposite to E then find who is sitting opposite to F?
(A) B (B) G
(C) A (D) D

Directions: (14 to 16) Six Persons P, Q, R, S, T and U are sitting in a circle facing one another front to front P is sitting in front of Q, Q is sitting to the immediate right of T and immediate left of R, P is to the left of U and right of S.

14. Who is sitting opposite to R?
(A) P (B) Q
(C) S (D) U

15. Who is sitting opposite to S?
 (A) U (B) T
 (C) R (D) Q
16. Who is sitting between P and R?
 (A) S (B) T
 (C) U (D) Q

Directions: (17 to 21) Read the following information carefully and answer the questions given below it.

- (I) Eight person E, F, G, H, I, J, K and L are seated around a square table- two on each side.
 (II) There are three lady members and they are not seated next to each other.
 (III) J is to the immediate neighbours of L and F.
 (IV) G is between I and F
 (V) H, a lady member, is second to the left of J
 (VI) L, a male member, is seated opposite of E, a lady member,
 (VII) There is a lady member between F and I.

17. Who among the following is to the immediate neighbours of E and H?
 (A) F (B) I
 (C) J (D) None of these
18. How many persons are seated between K and F?
 (A) One (B) Two
 (C) Three (D) Cannot be determined
19. Who among the following are the three lady members?
 (A) E, G and J (B) E, H and G
 (C) G, H and J (D) Cannot be determined
20. Who among the following is to the immediate left of F?
 (A) G (B) I
 (C) J (D) Cannot be determined

21. Which of the following is true about J?
 (A) J is a male member
 (B) J is a female member
 (C) Sex of J cannot be determined
 (D) Position of J cannot be determined

Directions: (22 to 26) Read the following information carefully and answer the questions:

- (i) Six flats on a floor in two rows, facing east and west are allotted to Q, R, S, T, U and V.
 (ii) R gets east side facing and not next to T.
 (iii) T and V get diagonally opposite flats.
 (iv) S next to V gets a west facing flat.
 (v) U gets an east facing flat.

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22. Which of the following combination gets west facing flats?
 (A) SQR (B) RTS
 (C) STU (D) QSV
23. Whose flat is between R and T?
 (A) Q (B) S
 (C) U (D) V
24. If the flats of U and Q are interchanged then whose flat will be opposite to the flat of U?
 (A) V (B) Q
 (C) T (D) S
25. The flats of which pair other than T and V are diagonally opposite to each other?
 (A) TQ (B) US
 (C) TU (D) RQ
26. Whose flat is between Q and V?
 (A) R (B) T
 (C) U (D) S

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	B	A	C	D	C	C	C	B	B	A	C	B	B	D	B
Que.	16	17	18	19	20	21	22	23	24	25	26				
Ans.	A	D	C	B	C	A	D	C	C	D	D				