**LINEAR ARRANGEMENT**

**1.**A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the immediate left of A. Who is to the right of P ?  
**A. A B. X C. S D. Z**

**(2-6)**Seven people P, Q, R, S, T, W and X are 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 X. Q sits on the immediate left of W. Q does not sit at any of the extreme ends of the line.

**2.**If all the people are made to sit in alphabetical order from right to left, the positions of how many people will remain unchanged?  
**A) Five B) One C) Three D) Two**  
**3.**How many people sit to the right of P?  
**A) Four B) Five C) Two D) One**  
**4.**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 the group?  
**A) S B) P C) X D) W**  
**5.**Who amongst the following are the immediate neighbours of S?  
**A) T and R B) Q and P C) W and R D) R and P**  
**6.**Who amongst the following sits second to the right of the fourth person from the right end of the line?  
**A) W B) Q C) R D) P**

**7.**A, B, C, D and E are sitting on a bench. A is sitting next to B. C is sitting next to D. E is on the left end of the bench.C is on the second position from the right. A is to the right of B and E. In which position A is sitting ?

**8.**A, B, C, D, E, F and G are sitting in a row facing North.

F is to the immediate right of E. E is 4th to the right of G. C is the neighbour of B and D. Person who is third to the left of D is at one of ends. Who are to the left of C ?  
**A.Only B B.G, B and D C.G and B D.D, E, F and A**

**(9-10)**In a class there are seven students A, B, C, D, E, R and G (including boys and girls). They sit on three benches I, II and III such that at least two students on each bench and at least one girl on each bench. C who is a girl student, does not sit with A, E and D. R the boy student sits with only B. A sits on the bench I with his best friends. G sits on the bench III. E is the brother of C.   
**9.**How many girls are there out of these 7 students ?  
**A.3 B.3 or 4 C.4 D.Data inadequate**   
**10.**On which bench there are three students ?  
**A.Bench I B.Bench II C.Bench III D.Bench I or II**

**11.**Eleven students, A, B, C, D, E, F, G, H, I, J and K, are sitting in the first row of the class facing the teacher.  
D who is to the immediate left of F is second to the right of C.A is the second to the right of E, who is at one of the ends.J is the immediate neighbour of A and B and third to the left of G. H is to the immediate left of D and third to the right of I. Who is sitting in the middle of the row?

**(12-13)** Eight friends, viz A, B, C, D, E, F, G and H are sitting in a straight line facing North. Each of them have a birthday in  January, February, March, April, May, June, July and August but not necessarily in the same order.  
-G sits third to the right of the friend whose birthday in May. The friend whose birthday in August sits second to the right of G. A and E are immediate neighbors of each other. Neither A nor E has birthday in either May or August. Neither A nor E is an immediate neighbor of G.

-H sits third to the right of the friend whose birthday  is in January.

-Neither A nor E has birthday in January. H’s birthday is not in August.  
-Only two people sit between E and the person whose birthday in July.

-The person whose birthday is in February sits on the immediate left of D.Only one person sits between E and B. C's  birthday is before July.

-E's birthday comes after April. G's  birthday comes  after A.  
**12.In which of the following months does H's  birthday?**  
(a) April (b) June (c) July (d) February (e) March

**13. Who among the following has a birthday in June?**  
(a) F (b) E (c) G (d) D (e) C

**14.**Ten people are sitting in two parallel rows having five people each in such way that there is equal distance between adjacent persons.

In row-1, Sneha, Swati, Seena, Sana and Sristi are seated (not necessarily in the same order) and all of them are facing south.

In row-2, Prince, Pranav, Prashnt, Pintu and Piyush are seated (not necessarily in the same order) and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.  
Piyush sits third to the right of Pranav. Prince sits second to the left of Piyush. The person facing Prince sits on the immediate right of Swati. Only one person sits between Swati and Sana. Sneha is not an immediate neighbour of Swati. Only two people sit between Sneha and Seena. Neither Swati nor Sneha faces Pintu.   
**14. Who amongst the following is facing Sristi?**  
Pintu Piyush Prince Prashant Pranav **15. What is the position of Piyush with respect to Pintu?**  
Third to the right Second to the right Immediate left

Immediate right Second to the left

**16. Four of the given five are alike in a certain way based on the given arrangement and hence form a group. Which is the one that does not belong to that group?**  
Sana Sneha Sristi Pranav Pintu

**(17-19)**A ,B, C, D and E are five men sitting in a line facing to south - while M, N, O, P and Q are five ladies sitting in a second line parallel to the first line and are facing to North.  
B who is just next to the left of D, is opposite to Q. C and N are diagonally opposite to each other. E is opposite to O who is just next right of M. P who is just to the left of Q. M is at one end of the line.  
**17.**Who is sitting third to the right of O ?  
**A.Q B.N C.M D.Data inadequate**   
**18.**If B shifts to the place of E, E shifts to the place of Q, and Q shifts to the place of B, then who will be the second to the left of the person opposite to O ?  
**A.Q B.P C.E D.D**   
**19.**If O and P, A and E and B and Q interchange their positions, then who will be the second person to the right of the person

who is opposite to the person second of the right of P ?  
**A.D B.A C.E D.O**

**CIRCULAR ARRANGEMENT**

**(20-21)**P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre. P is second to the right of T who is the neighbour of R and V. S is not the neighbour of P. V is the neighbour of U. Q is not between U and W. W is between Q and S.  
Which two of the following are not neighbours ?  
**A. RV B. UV C. RP D. QW**  
Which one is immediate right to the V ?  
**A. P B. U C. R D. T**

**(22-24)**Seven friends Kiran, Mahesh, Rajesh, Abhi, Ganesh, Prasad and Parveen are sitting in a circle. Kiran, Mahesh, Rajesh, Abhi, Prasad and Parveen are sitting at equal distances from each other. Rajesh is sitting after two places right of Prasad, who is sitting one place right of Abhi. Kiran forms an angle of 90 degrees from Ganesh and an angle of 120 degrees from Mahesh. Mahesh is just opposite Parveen and is sitting on the left of Ganesh.   
**22.**Who is the only person sitting between Rajesh and Mahesh ?   
**A.) Prasad B.) Abhi C.) Ganesh D.) Kiran**   
**23.**Ganesh is sitting .............. of Parveen.   
**A.) to the left B.) two places right C.) to the right D.) three places left**   
**24.**The angle between Ganesh and Mahesh in the clockwise direction is-  
**A.) 30 degree B.) 210 degree C.) 180 degree D.) 90 degree**

**(25-27)**Eight friends – P, Q, R, S, T, U, V and W – are sitting around a circular table. P and Q are facing towards the centre while the other six friends are facing away from the centre. P is sitting second to the right of W. Q sits third to the left of P. S sits second to the right of V. V is immediate neighbour of neither Q nor P. T and U are immediate neighbours and are facing outside.  
**25. Who is sitting on the immediate right of V?**  
(a) R (b) S (c) U (d) W (e) None of these  
**26. Which of the following pairs represents the friends who are immediate neighbours of R?**  
(a) Q and V (b) Q and W (c) V and W (d) S and V  
**27. Who is sitting third to the left of V?**  
(a) P(b) S(c) T(d) U(e) Either T or U

**(28-30)**Eight people P, Q, R, S, T, U, V and W are sitting around a circular table, facing the centre. Each of them is drinking a different beverages – Tea, Coffee, Juice, Mineral Water, Lemonade, Cola, Coconut Water and Milk, but not necessarily in the same order.

Q is sitting second to the left of U. The person drinking milk is an immediate neighbor of U. Only one person sits between the person drinking mineral water and P. The person drinking coffee is on the immediate right of the person drinking mineral water. W is second to the right of U. S is drinking milk. R and T are immediate neighbors. Neither R nor T is drinking mineral water. The person drinking lemonade is on the immediate left of Q. The person drinking cola is second to the right of person drinking coffee. The person drinking coconut water is an immediate neighbor of the person drinking mineral water. R is second to the right of the person drinking tea.   
**28.**Who is second to the right of P ?

**A.) Q B.) R C.) S D.) T**   
**29.**Who among the following is drinking coconut water ?

**A.) Q B.) U C.) V D.) W**   
**30.**Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which of the following does not belong to the group ?

**A) Mineral water – T B) Cola – U C) Lemonade – V D) Tea – S**

**(31-33)**Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them holds a different post – Manager, Company Secretary, Chairman, President, Vice President, Group Leader, Financial Advisor and Managing Director.  
A sits third to the right of the Managing Director. Only two person sit between the Managing Director and H. The Vice President and the Company Secretary are immediate neighbours. Neither A nor H is a Vice President nor a Company Secretary. The Vice President is not an immediate neighbour of the Managing Director. The Manager sits second to the left of E. E is not an immediate neighbour of H. The Manager is an immediate neighbour of both the Group Leader and the Financial Advisor. The Financial Advisor sits third to the right of B. B is not the Vice President. C sits on the immediate right of the Chairman. A is not the Chairman. F is not an immediate neighbour of A. G is not an immediate neighbour of the Manager.  
3**1. Who amongst the following sits third to the left of E?**  
(a) Manager (b) G (c) A (d) Financial Advisor (e) B  
**32. Who amongst the following is the President of the company?**  
(a) A (b) C (c) H (d) G (e) D  
**33. Which of the following is true with respect to the given seating arrangement?**  
(a) The Group Leader  is an immediate neighbour of the Vice President.  
(b) G sits second to the right of D.  
(c) The Group Leader and the Company Secretary are immediate neighbours.  
(d) The Chairman  sits to the immediate left of the Managing Director.  
(e) The Group Leader sits second to the left of D.

**MIXED ARRANGEMENT**

**(34-36)** 8 persons E, F, G, H, I, J, K and L are seated around a square table - two on each side.  
There are 3 ladies who are not seated next to each other.  
J is between L and F. G is between I and F.  
H, a lady member is second to the left of J.  
F, a male member is seated opposite to E, a lady member.  
There is a lady member between F and I.  
**34.**Who among the following is to the immediate left of F ?  
**A. G B. I C. J D. H**  
**35.**How many persons are seated between K and F ?  
**A. 1 B. 2 C. 3 D. 4**  
**36.**Who among the following are three lady members ?  
**A. E, H and J B. E, F and G C. E, H and G D. C, H and J**

**(37-39)**Eight friends-A, B, C, D, E, F, G and H-are sitting around a circular table not necessarily in the same order. Three of them are facing outward while five are facing towards the centre. There are equal number of males and females in the group.

C is facing the centre. E is sitting third to the right of C. F is sitting third to the left of E. Three persons are sitting between F and B. The immediate neighbours of B are females. G is sitting third to the right of F. D is sitting third to the right of A. A is not an immediate neighbour of E. The immediate neighbours of E are males and are facing the centre. The immediate neighbours of D are females and face outside. The one sitting third to the left of B is a male. No female is an immediate neighbour of G.  
**37.**Who is sitting second to the right of E?  
**A.C B.B   C.G   D.H**   
**38.**How many persons are sitting between H and C when counted from the left side of H?   
**A.One B.Two C.Three D.Four**   
**39.**Four of the following five are alike in a certain way based on their seating positions in the above arrangement and hence form a group.   
Which of the following does not belong to the group?  
**A.BE   B.CG  C.GA    D.DH   E.AF**

**(40-42)-**Seven people – P, Q, R, S, T, U and V have different hobbies, viz Travelling, Reading, Dancing, Painting, Sculpting, Singing and Pottery making, but not necessarily in the same order. Each of them belongs to a different city, viz Amritsar ,Puri , Kanpur, Jaipur, Pune, Gandhinagar, Manglore, but not necessarily in the same order. P belongs to Pune. S likes Pottery making. The person who likes Sculpting is from the state of Puri. The person who likes Dancing is from the Gandhinagar City. U does not belong to Gandhinagar City, Puri, Amritsar or Jaipur. U does not like Singing, Reading or Painting. Q does not belong to Kanpur, Puri, Amritsar or Jaipur. Q does not like Painting, Travelling, Reading or Singing. R does not like Sculpting and he is not from Jaipur or Amritsar. Neither S nor V belongs to Amritsar. P does not like Reading. The person from Kanpur likes Singing.  
**40. Who among the following likes Singing?**  
(a) P (b) R (c) S (d) V (e) Cannot be determined  
**41. Which of the following combinations is true according to the given information?**  
(a) P – Travelling – Pune  (b) R – Dancing – Gandhinagar  
(c) T – Reading – Manglore  (d) S – Pottery making – Jaipur

**42. The person who belongs to Amritsar, likes**  
(a) Travelling (b) Sculpting  (c) painting (d) Reading

**(43-45)-**Eight friends, A, B, C, D, E, F, G and H are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The ones who sit at the four corners face the centre while those who sit in the middle of the sides face outside.  
A, who faces the centre, sits third to the right of F. E, who faces the centre, is not an immediate neighbour of F. Only one person sits between F and G. D sits second to right of B. B faces the centre. C is not an immediate neighbour of A.  
**43. Who sits second to the left of B?**  
(a) F (b) A (c) E (d) H  
**44. What is the position of E with respect to F?**  
(a) Fourth to the left (b) Second to the left (c) Third to the left  
(d) Third to the right (e) Second to the right  
**45. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?**  
(a) C (b) G (c) F (d) D (e) H