**CIRCULAR ARRANGEMENT**

**Direction(Q.1-4):-Study the following information and answer the questions given.**

Six people A, B, C, D, E and F are sitting around a circular table facing towards the centre. Further it is known that:

1) C is sitting opposite to D

2) B is sitting second to the right of C

3) E is third to the left of A

1. Which of the following pair is definitely sitting next to each other?

a) E and F b) A and D c) CB and D

d) A and E e) more than one of above

1. How many people are sitting between B and E?

a) 0 b) 1 c) 2

d) Cannot be determined e)None of these

1. What is the position of C with respect to E?

a) First to the left b) First to the right

c)Second to the left d) Second to the right

e) Cannot be determined

1. If A and F are sitting adjacent to each other, who is sitting second to the right of A?

a) B b) C c) D d) F

e) None of these

**Direction(Q.5-8):-Refer to the data below and answer the questions that follow.**

Eight family members, H, I, J, K, U, V, W and Y are sitting around a circular table, facing the centre. Each of them has one of the favorite color-yellow, green, red, blue, white, black, grey and violet but not necessarily in same order.

1. K is the husband of V. Three people sit between H and J. K is not an immediate neighbor of H and J.

K does not sit second to the right of J. V sits third to the left of K.

1. H is the son of Y, whose favorite color is white. No male is an immediate neighbor of K.
2. K’s son sits second to the right of W. Only two persons sit between Y and H’s brother.
3. H’s brother sits second to the right of J. W is the sister of U and her favorite color is yellow.
4. K’s son and the wife of K’s son are immediate neighbors of each other.
5. Y is the daughter of V who is not an immediate neighbor of I or W.
6. Only three persons sits between blue color and black color. V is an immediate neighbor of the person whose favorite color is black. U’s favorite color is Violet. I’s father’s favorite color is Red.
7. K’s son color is not grey.
8. Who likes red?

a) J b) H c) K d) I

1. How many persons sit between K and one who likes yellow when counted clockwise from K?

a) None b) 1 c) 2 d) More than 3

1. If K is related to black, and H is related to violet. In the same way, V is related to?

a) Green b) Yellow c) Grey d) Blue

1. What is the position of W with respect to one who likes black?

a) Second to the left b) Second to the right

c) Third to the left d)Third to the right

1. How many female members are there in the family?

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

**Direction(Q.10-13):-**Study the following information carefully to answer the given questions:

Eight friends-Romil, Ramesh, Rakesh, Rohit, Rahul, Abhijeet, Abhishek and Anil- are sitting around a circular table, but not necessarily in the same order, Four of them are facing inside and the other four are facing outside. All eight friends belong to eight different cities-Bhopal, Patna, Kolkata, Delhi, Gwalior, Bengaluru,

Chennai and Rajkot-but not necessarily in the same order.

Abhijeet faces the centre and sits third to the right of Rakesh, Rohit belongs to Kolkata and faces the person who belongs to Bengaluru. Abhishek sits third to the right of Ramesh, who stays in Bhopal. The person who belongs to Delhi is facing the same direction as the person who belongs to Gwalior. Rahul is sitting between the person who belongs to Kolkata and the one from Rajkot respectively. Romil belongs to Gwalior and Rakesh belongs to Patna. The person who belongs to Chennai is facing outwards and immediate neighbor of the person who belongs to Rajkot. Anil is the immediate neighbor of the persons who belongs to Gwalior and Chennai. Rahul is on the immediate left of Rohit.

1. Which of the following friends belongs to Bengaluru?

a) Romil b) Rohit c) Anil d) Abhishek

e) Rahul

1. Who are immediate neighbors of Romil?

a) Ramesh and Rakesh b) Rahul and Rohit

c) Anil and Ramesh d) Abhishek and Rahul

e) Rohit and Abhijeet

1. Which of the following pairs is true?

a) Romil-Bhopal b) Anil-Bengaluru

c) Rohit-Delhi d) Abjijeet-Delhi

e) Abhishek-Patna

1. What is the position of Ramesh with respect to Rahul?

a) Third to the right b) Fourth to the left

c) Fifth to the right d) Second to the right

e) Third to the left

**Direction(Q.14-17):-**Study the following sitting arrangement carefully and answer the given questions.

P, Q, R, S , T, U, V and W are sitting around the circle and are facing the centre. P is second to the right of T who is neighbour of R and V. S is not the neighbour of P. V is the neighbour of U. W is sitting between S and U.

1. Who is an immediate right of V?

a) P b)U c) T d) S

1. Which of the following statement is correct?

a) P is immediate right of Q

b)S is to the immediate left of W

c) R is between U and V.

d)U is between W and S.

1. Which two of the following are not neighbours?

a)UV b)RV c)RP d) QS

1. Who is the immediate neighbour of S?

a)U b)V c)Q d)P

**Direction(Q.18-22):-**Study the following sitting arrangement carefully and answer the given questions.

**Passage I**

Eight friends, P, Q, R, S, T, V, W and Y are sitting around a square table in such a way that four of them sit at four corners of the square while four sit it in the middle of each of four sides. The one who sit at four corners faces the centre while those who sit in the middle of the sides faces outside. P who faces the Centre sits third to the right of V. T, who faces Centre, is not an immediate neighbour of V. Only one person sits between V and W. S sits second to the right of Q. Q faces the centre. R is not an immediate neighbour of P.

1. Which of the following statement is true regarding R?
2. R is an immediate neighbour of V.
3. R faces the centre
4. Q sits third to left of R
5. R sits exactly between T and S
6. What is the position of T with respect to V.
7. Fourth to the left b) Second to the left
8. Second to the right d) Third to the left
9. Who sits second to the left of Q?
10. V b)Y c) P d)S
11. Who sits third to the left of V?
12. S b)P c)T d)Y
13. Four of the following five are alike in a certain way based on the above arrangement and so form a group. Which is the one that does not belong to that group?
14. R b)W c)V d)S e)Y

**Direction (Q.23-26):-**A through F are six individuals who are making a trip to city Z to visit the six tourist sites T1, T2, T3, T4, T5 and T6 which lie with the circumference of a circle in that order, in the clockwise direction. The six sites are connected by a train that moves at a uniform speed only in the clockwise direction as it passes through T1 and ending at T1. The tourists also have an option to take a taxi that runs from any of the sites. However, the taxi can not replace any destination with the circumference.

More information about the following information is known:

(a) The taxi takes 5 minutes to travel

(b) The train takes 10 minutes

(c) All the tourists prefer to travel along the quickest route first and do not mind visiting the sites in any order.

(d) Each site is visited only once by a tourist

A through F begin at different sites at the same time. After travelling a total of 20 minutes by them, the following is known about their positions at different sites (Assume all the tourists spent the same amount of time in each of the sites to explore and there was no waiting time for the train or the taxi). The term 'travel' means to travel between the sites only.

(1) F is at the site opposite T1 and neither B nor D is a site adjacent to the site at F is.

(2) E, D and C are three consecutive sites, with E being at the middle site.

(3) A comes later than F

1. If T (k) represents the tourist site from which D started twenty minutes ago, then what is the value of k?
2. How much more travel time (in minutes) required tourists to visit all the remaining sites?
3. If T (k) represents the last site that is visited by F, then what is the value of k?
4. After how much time did B reach T2 when measured from the beginning of the tour?

**Direction (Q.27-31):-**MD, P, K, R, T and W are sitting around a circle facing the centre. D is second to the right of P, who is third to the right of K. T is third to the right of W, who is not an immediate neighbour of D. M is third to the left of R.

1. Who is second to the right of T?

1)D 2)K 3)M

4) Data inadequate 5) None of these

1. In which of the following pairs is the second person sitting to the immediate right of the first person?

1) DT 2) TP 3) PR 4) KW 5) None of these

1. Who is on the immediate left of R?

1) W P 2)P 3)K 4)T

5) None of these

1. Who is on the immediate left of M?

1) K 2)W 3 ) D 4)T 5) None of these

1. Who is third to the left of D?

1) W 2 ) P 3 ) K 4) Data inadequate

5) None of these