Type I: Circular

DIRECTIONS(1 to 5): Study the following information carefully and answer the given questions. A, B, C, D, E, F, G and H are sitting around a circular table, facing the center. Each of them plays a different game, viz. Tennis, Hockey, Cricket, Football, Chess, Golf, Swimming and Shooting.The Golfer sits third to the left of A. The one who plays Chess is an immediate neighbor of A. E, who plays Hockey, sits third to the right of the Chess player. G is neither a Swimmer nor a Shooter. B and F always sit adjacent to each other. There is only one person between A and E. The Swimmer sits second to the left of C. F sits second to the right of the Shooter. Neither B nor F plays Chess. A is neither a Cricketer nor a shooter and sits opposite D. The Football player and the Hockey player sit opposite each other. C plays neither Football nor Golf. There is at least one player between the Shooter and the Hockey player.

1. Who among the following is a cricketer?

A. A
B. D
C. C
D. G
E.Can't be determined
Correct option is : C

2. What is the position of H, with respect to the golfer?

A. Third to the left
B. Third to the right
C. Fifth to the left
D. Fourth to the left
E.None of these
Correct option is : D

3.Which of the following is true with respect to the given sitting arrangement?

A. The Shooter is on the immediate left of the Cricketer.

B. The Golfer and the Swimmer sit opposite to each other.

C.The Football player sits exactly between the Cricketer and the Chess player.

D. F is a Golfer.

E.None of these

Correct option is : B

4.Which of the following would come in place of question mark based upon the given sitting arrangement?
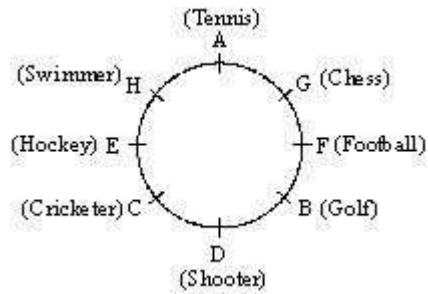EC, BF, HE, FG, ?

A. CD

B. DB

C. HE

D. BD

E.None of these

Correct option is : B

5.How many players sit between G and the Shooter when counted in clockwise direction from G?

A. Four

B. Three

C. Two

D. One

E.None of these

Correct option is : C

Solution :

(Tennis)
A
(Swimmer) H   G (Chess)
(Hockey) E   F (Football)
(Cricketer) C   B (Golf)
D
(Shooter)

Directions (6 to 10): Study the following information and answer the questions given below:
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.

6. Who is sitting second to the right of E?
A. C
B. B
C. G
D. H
E.None of these
Correct option is: A

7.How many persons are sitting between Hand C when counted from the left side of H?
A. One

B. Two
C. Three
D. Four
E. More than four
Correct option is: B (F&A)

8. Which of the following statements is true regarding H?
A. The one who is second to the right of H is a female.
B. H is facing the centre.
C. H is a male.
D. The immediate neighbours of H are facing outside.
E.None is true.
Correct option is: A

9. What is D's position with respect to G?
A. Third to the left
B. Third to the right
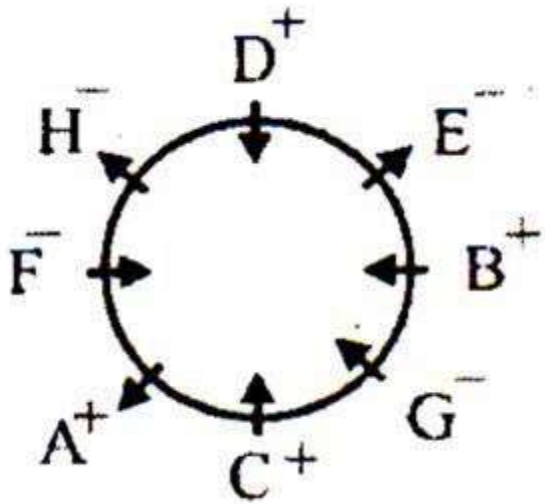C. Second to the left
D. Second to the right
E. None of these

Correct option is: B

10. Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?
A. D
B. C
C. B
D. F
E. A
Correct option is : D

Explanation:

+ represents a male
- represents a female

Directions (11 - 15): Study the following information carefully and answer the following questions given below:

Eight friends M, N, O, P, Q, R, S and T are sitting around a circular table but not necessarily in the same order. Four of them are facing the centre, while four of them are not facing the centre. Not two persons facing the same direction can sit together.

P is not an immediate neighbour of N. R is an immediate neighbour of P. O is an immediate neighbour of S, who sits third to the left of M. N sits third to the right of T. Q is not facing the centre. Both the immediate neighbours of Q are facing the centre. T sits second to the right of Q. Both the immediate neighbours of P are not facing the centre. The one who is opposite M is facing the centre. P sits on the immediate left of Q. Both the immediate neighbours of N are facing same direction.

11. How many persons are there between M and O (When counted clockwise direction from M) ?

A. One

B. Three

C. Two

D. Four

E. More than four

Correct option is : A

12. Which of the following statement is true?

A. M is not facing the centre.

B. P is on the immediate right of Q.

C. S sits exactly between N and O and is facing outside.

D. N sits opposite T.

E.None of these

Correct option is : C

13. Four of the five alike in a certain way and so form a group. Which of the following does not belong to that group?

A. P, M

B.S, O

C. M, T

D. R, N

E.None of these

Correct option is : A

14. Who among the following sits third to the right of the one who is on the immediate left of T?
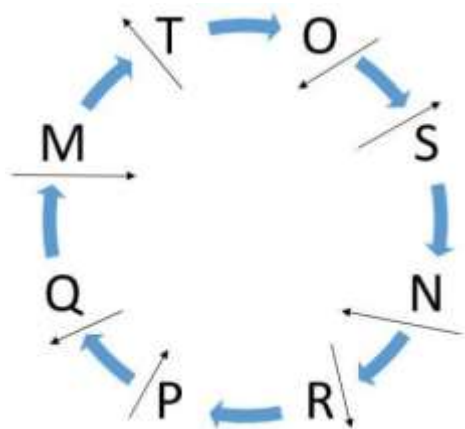
A. O

B. R

C. P

D. S

E.None of these

Correct option is : B

15. Who among the following sits on the immediate right of T?

A. P

B. N

C. M

D. O

E.None of these

Correct option is : D

Solution:

Direction(16 to 20): Study the given information carefully and answer the following questions.

Certain persons are sitting around a circular table. Some are facing towards the center and some are facing outside the table. Not more than three persons faces outside.

Anurudh is to the immediate left of Dhruv, both Anurudh and Dhruv are facing the same direction. Charles is sitting fourth to the right of Anurudh. Emaan and Gaurav are immediate neighbors of each other. Neither Gaurav nor Emaan is an immediate neighbor of Charles. Emaan and Gaurav are facing opposite direction to each other (one faces inside and other faces outside or vice versa). Only one person sits between Emaan and Charles and adjacent to them. Falit is sitting second to the right of Gaurav and second to the left of Hemant. Gaurav is facing opposite direction of Anurudh. Immediate neighbors of Hemant face opposite direction to each other. Charles faces the same direction as Gaurav.

16. What is the position of Gaurav with respect to Dhruv?

A. Second to the left

B. Third to the right

C. Second to the right
D. Fifth to the right

E.Either Second to the right or Fifth to the right

Correct option is: A

17. If Bhavesh is one of the persons, who sits opposite to Bhavesh?

A. Gaurav

B. Emaan

C. Falit

D. Charles

E. Anurudh

Correct option is: B

18. Who among the following is different?

A. Charles

B. Anurudh

C. Dhruv

D. Emaan

E. Falit

Correct option is: A

19. Which of the following pair faces outside?

A. Gaurav, Dhruv

B. Charles, Anurudh

C. Hemant, Emaan

D. Gaurav, Hemant

E.None of these

Correct option is: D

20. What is the position of Anurudh with respect to Hemant?
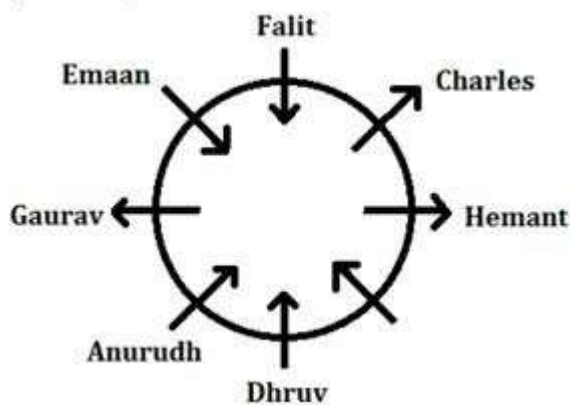
A. Third to the left

B. Third to the right

C. Second to the left

D. Fourth to the right

E.Fourth to the left

Correct option is: B

Solution:

Directions (21 to 25): Study the following information carefully and answer the questions given below :

A, M, P, D, Q, R, W and B are sitting around a circle facing to the centre. D is fourth to the left of A who is third to the right of M. P is third to the left of Q who is third to the left of M. R is third to the right of W who is second to the right of B.z

21. Who is fourth to the right of R ?
A. P
B. A
C. B
D. Data Inadequate
E.None of these
Correct option is : E

22. In which of the following pairs is the second person sitting to the immediate right of the first person ?
A. MD
B. RM
C. AB
D. QB
E.None of these
Correct option is : C

23. Which of the following pairs represents the first and second respectively to the right of W ?
A. DM
B. QB
C. MR
D. Data Inadequate
E.None of these
Correct option is : A

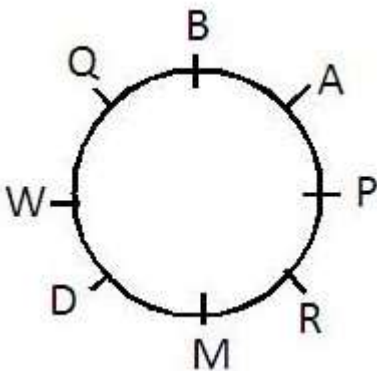24. Who is to the immediate right of Q ?
A. W
B. D
C. B
D. Data Inadequate
E.None of these
Correct option is : A

25. Who is third to the left of P ?

A. W
B. D
C. B
D. Data Inadequate
E. None of these
Correct option is : B

Solution:

Directions (26 to 30): Study the following information carefully and answer the questions given below :

L, N, P, R, M, Q, T and Y are the members of a committee sitting around a circular table but not facing the centre. Each member has a different zodiac sign, viz Leo, Virgo, Libra, Cancer, Aries, Gemini, Pisces and Scorpio, but not necessarily in the same order. T is third to the right of P. The one whose sun-sign Leo is second to the left of the one whose sun-sign is Libra.

Y's sun-sign is Libra and is sitting exactly between P and L. The one whose sun-sign is Pisces sits second to the right of N. The one whose sun-sign is Aries is second to the right of the person whose sun-sign is Gemini. P sits third to the left of the person whose sun-sign is Virgo. Neither Q nor L is the immediate neighbour of N. Q is fourth to the left of L. N's sun-sign is neither Cancer nor Ariel. The person whose sun-sign is Leo is sitting second to the right of the person whose sign is Cancer. R's sun-sign is Leo and is not an immediate neighbor of N.

26. Which of the following is N's sun-sign?
a) Pisces
b) Scorpio
c) Gemini
d) Can't be determined
e)None of these
Correct option is : B

27. Who sits third to the right of L?
a) P
b) Y
c) R
d) Q
e)None of these
Correct option is : E

28. What is Y's position with respect to Q?
a) Third to the left
b) Fourth to the left
c) Second to the right
d) Third to the right
e)2nd to the left
Correct option is : D

29. How many persons are there between P and N?
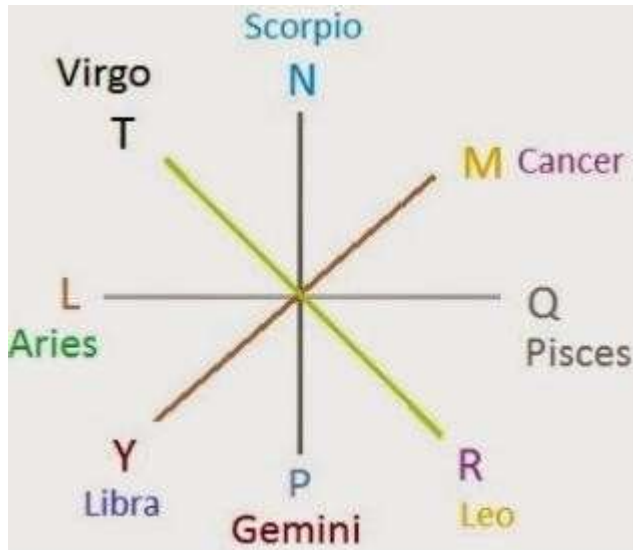a) None
b) Two
c) Three
d) Four
e)None of these
Correct option is : C

30. What is the sun-sign of P?
a) Gemini
b) Libra

c) Leo

d) Can't be determined

e)None of these

Correct option is : A

Solution :

DIRECTIONS(31 to 35): Six friends are sitting around a circular game table. There are three boys and three girls. Following are the conditions for them to sit to play that game.

(i)   J being female have to sit between N and O.

(ii)   M has to sit opposite to J.

(iii) L cannot sit with O.

(iv) All boys and girls should sit alternatively.

31. Which of the following represents three males in the group?

A. J, L, K

B. N, M, O

C. K, O, M

D. J, L, K

E. Cannot be determined

Correct option is : B

32. Who is sitting opposite to O?

A. L

B. N

C. K

D. J

E.Cannot be determined

Correct option is :A

33. Who is sitting between L and K?

A. J

B. M

C. N

D. O

E. None of these.

Correct option is : B

34. How many persons are there between J and M?

A. No one

B. 1

C. 2

D. 3

E. None of these.

Correct option is : C
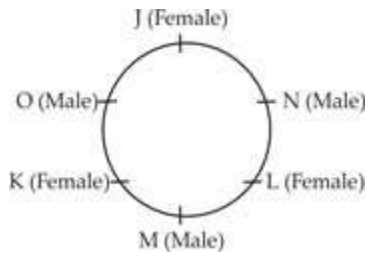
35. Who sits to the second to the right of M?

A. N

B. O

C. K

D. J

E. None of these.

Correct option is : A

J (Female)

O (Male)   N (Male)

K (Female)   L (Female)

M (Male)

Directions (36 to 40) : Read the following passage carefully and answer the questions given below it.

A, B, C, D, E, F, G and H are sitting around a circular table, facing the centre. A sits third to the left of C and second to the right of E. B sits second to the right of D who is not an immediate neighbour of E. H sits second to the left of F. G is an immediate neighbour of D.

36. Starting from A's position, if all the eight are arranged in alphabetical order in clockwise direction, the seating position of how many members (encluding A) would remain unchanged ?
A. None
B. Three
C. Four
D.One
E.Two

Correct option is: A

37. Who sits between E and A ?
A. F
B.D
C.G
D. B

E. H
Correct option is: E

38. What is the position of G with respect to A's position (clock - wise) ?
A. Immediately to the right
B. Second to the left
C. Third to the left
D. Third to the right
E.Fourth to the right
Correct option is: C

39. Who sits third to the right of E ?
A. D
B. G
C. F
D. B
E. None of these

Correct option is: C

40. Which of the following pairs has only one person sitting-between them, if the counting is done in clockwise direction ?
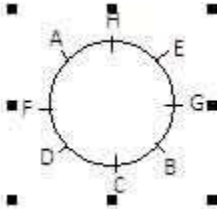**A. F,G**
B. H,G
C. H,C
D. H,B
E. None of these

Correct option is: B

Solution:

DIRECTIONS(41to 45): These questions are based on the following information.

Nine persons – J, K, L, M, N, O, P, Q and R – sit around a circular table facing different directions (towards the center or away from the center). O sits second to the right of J who sits adjacent to neither P nor K. L sits second to the right of both P and K and faces away from the center. M sits third to the right of Q who does not sit adjacent to O. N sits adjacent to neither J nor K. R is facing towards the center and neighbours of O face the same direction. Neighbours of M face different directions. R and M face different directions.

41. Who sits third to the right of K?

A. M

B. J

C. Q

D. N

E. R

Correct option is: D

42. How many persons sit between J and Q, if counted to the right of Q?

A. Three

B. Four

C. Five

D. Seven

E. six

Correct option is: A

43. If O and P interchange their positions then who sits second to the right of P?

A. M

B. J

C. R

D. Q

E. L

Correct option is: B

44. Four of the following five are alike in a certain way and hence form a group. Find the one which does not belong to that group.
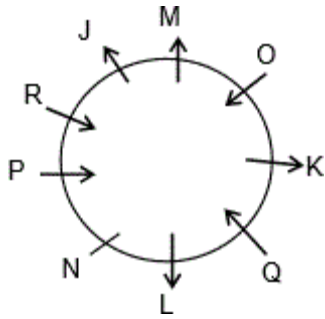
A. M

B. J

C. Q

D. L

E. K

Correct option is: C

45. Which of the following statements is definitely false?

A. N is facing towards the center.

B. J and R face different directions

C. R sits second to the right of N

D. Q sits second to the left of O

E.M sits to the immediate left of J.

Correct option is: E

Solution:

Direction (46 – 50): Study the information carefully and answer the questions: S, T, U, V, W, X, Y and Z are sitting around the circle area, with equal distance amongst each other but not necessarily in the same order. Only two people face the centre and rest face outside (i.e.,in a direction opposite to the centre). Y sits second to left of W. S sits second left of Y. Only one person sits between S and z. T sits immediate next to S. T is not an immediate neighbour of Y. V is not an immediate neighbour of Y. Both the immediate neighbours of X face the centre.

46. Who is sitting to immediate right of Z ?

a) Y

b) V

c) T

d) X

e) W

correct option is: B

47. Which of the following is true regarding U as per the given seating arrangement ?

a) X sits second to the left of U

b) Only three people sits between U and Y

c) Z is one of immediate neighbour of U

d) U faces the centre

e) S sits to immediate left of U

correct option is: A

48. What is T's position with respect of Y ?

a) second to the right

b) second to the left

c) fifth to the left

d) fourth to the right

e) third to the left

correct option is: E

49. Which of the following group represents the immediate neighbours of X
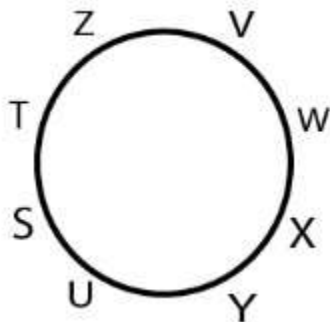
a) WY

b) VX

c) TZ

d) VZ

e) SU

correct option is: A

50. Four of the following five are alike in a certain way based on the given seating arrangement and so form a group. Which is the one does not belong to that group ?

a) Z

b) T

c) Y

d) V

e) X

correct option is: C

Solution:

TYPE II – PUZZLE

Direction (1 – 5): Study the information given below and answer the questions based on it. A, B, C, D, E, F, and G are seven Professionals who work in three different companies namely TCS, Infosys and HCL, such that not less than two Professionals work in the same company. Each Professional has a different car namely Renault Duster, Chevrolet Beat, Maruti Suzuki Desire, Maruti Suzuki Swift, Maruti Suzuki WagonR, Mercedes Benz and Honda city but not necessarily in the same order. A likes Mercedes Benz and works in the TCS Company with only one other friend who likes Maruti Suzuki Swift. G works with two other Professionals. Both the Professionals who work with G like

same company car (here car include only Desire, swift and WagonR). D works in the Infosys Company with only one
person and does not like Chevrolet Beat. E works with only one Professional. The one who likes Renault Duster does not work in the TCS or Infosys Company. E does not like same company car (desire, swift and WagonR). C does not like Maruti Suzuki Desire, Maruti Suzuki WagonR or Chevrolet Beat.

1. Which of the following is C's car?
A. Beat
B. Swift
C. Benz
D. Honda
E.None of these
Correct option is : B

2. Who among the following work in the HCL Cmpany?
A. G
B. B
C. F
D. All of the above
E.None of these
Correct option is : D

3. Which of the following combination is definitely correct?
A. Renault - E - HCL
B. Beat - C - TCS
C. Honda - D - Infosys
D. Benz - D - TCS
E.None of these
Correct option is : C

4. Which of the following car does B have?
A. Desire
B. WagonR
C. Swift

D. Benz

E. Either a or b

Correct option is :E

5.Which of the following represents the combination of Professionals those work in TCS?

A. A&C

B. G&E

C. B&F

D. D&E

E. None of these

Correct option is :A

Solution:

Renault	G	HCL
Beat	E	Infosys
Maruti Suzuki Desire	B/F	HCL
Maruti Suzuki Swift	C	TCS
Maruti Suzuki WagonR	B/F	HCL
Benz	A	TCS
Honda	D	Infosys

DIRECTIONS(6 to 10): These questions are based on the following information.

Ruhi, Nanu, Ranu, Mahi, Sana, and Soyal joined six different colleges — RGPV, Barkatullah,Vikramaditya, Polytechnic, Nutan and MANIT and opted for six different courses in management — Marketing, Finance, Operations, HR, Logistics and General Management.

Each of them has a different educational qualification out of B.Tech. , B.Sc., B.Com, C.A., BBM and B.A.

The following information is available about them:

(i)   Mahi joined Barkatullah and did not take up Marketing or Logistics and is not a B.Tech.

(ii)   The person who joined Nutan opted for HR and is not a C.A or a B.Sc.

(iii)   Soyal is a C.A and has taken Finance management.

(iv)   The person, who is a B.A graduate, joined Polytechnic and took Logistics. Whereas, the person, who is a B.Com graduate, took up General Management.

(v)The person, who is a B.Tech graduate, has taken Operations Management and did not join RGPV or Vikramaditya.

(vi)   Ruhi joined MANIT, Ranu is a B.A graduate and Nanu took up HR.

6.What is the educational qualification of Mahi and what is the course she opted for?

A. B.Sc and Marketing

B. BBM and HR

C. B.Com and General Management

D. B.A and Finance

E. None of these

Correct option is: C

7. Which college did the B.Tech graduate join?

A. R.G.P.V.

B. NUTAN

C. BARKATULLAH

D. MANIT

E.None of these

Correct option is: D

8. The educational qualification of Sana is:-

A. B.A.

B. B.Tech.

C. B.Sc.

D. B.Com.

E. None of these

Correct option is: C

9. If Soyal joined Vikramaditya, then the student who joined RGPV opted for-
A. Finance
B. HR
C. General Management
D. Marketing
E. None of these
Correct option is: D

10. which one is correctly matched?
A. Nanu – General
B. Mahi – B.com
C. Ruhi – Logistics
D. Ranu – RGPV
E. All are false
Correct option is : B

Solution:

	Ruhi	Nanu	Ranu	Mahi	Sana	Soyal
College	MANIT	Nutan	Polytechnic	Barkatullah	RGPV/Vikramaditya	RGPV/Vikramaditya
Course	Operations	HR	Logistics	General	Marketing	Finance
From	B.Tech	BBM	B.A.	B.Com	B.Sc	C.A.

Directions (11 – 15): Answer the questions on the basis of the information given below.
There are 8 friends – P, Q, R, S, L, M, N and O who have their birthdays in four months – March, June, September and October on either 13th or 22nd of the month.
M has his birthday on 13th of a month having 30 days. P and S have their birthday in same month with P having birthday before. There are two people who have birthdays between P and Q. R's birthday is in

June. O has his birthday on 22nd of a month. L does not have his birthday on 13th. N does not have his birthday in March.

11. Who has his birthday on 22nd June?

A) S

B) O

C) R

D) Q

E)None of these

Correct option is: D

12. How many people have their birthdays before M?

A) None

B) One

C) Two

D) Three

E)More than three

Correct option is: E

13. If O has his birthday in September, which pair of friends have their birthdays in October?

A) R and N

B) N and L

C) M and L

D) N and R

E)None of these

Correct option is: B

14. Who has his birthday on 13th of March?

A) O

B) N

C) P

D) Cannot be determined

E)None of these

Correct option is: C

15. How many people have birthdays between O and N?
A) None
B) One
C) Two
D) Cannot be determined
E)None of these
Correct option is: A
Solution:

Month	13th	22nd
March	P	S
June	R	Q
September	M	O or L
October	N	L or O

Directions(16 to 20): Study the following information carefully and answer the below questions.
Seven persons are born in different years such as 1987, 1990, 1993, 1995, 1998, 2000 and 2003. All the person's age are calculated by considering 2019 as the base year.
I was born in even numbered year but younger than J who is older than L. Difference of age between I and J was same as between M and N. Both I and N are younger than M and J. I is not the youngest person of the group. Age difference of N and K is equal to the difference of the age of L and J. L is younger than O but older than K. Difference of I and J ages is double of the difference of N and K ages. Difference of age between I and J is 10 years.

16. Who among the following person is born in 1998?
A. O
B. N
C. K
D. I
E.None of these
Correct option is : C

17. In the given information who is born between N and K?
A. M

B. I

C. J

D. Cannot be determined

E.None of these

Correct option is : B

18. Whose age will be 30 in 2025?

A. N

B. O

C. M

D. L

E.None of these

Correct option is : D

19. Whose age difference is equal to J and M?

A. LO

B. NI

C. MN

D. KO

E. None of these

Correct option is : B

20. Person J was born in which year?

A. 1995

B. 1990

C. 1993

D. 2000

E. None of these

Correct option is : B

Solution:

Year	Age	Person
1987	32	O
1990	29	J
1993	26	M
1995	24	L
1998	21	K
2000	19	I
2003	16	N

Directions (21 to 25): Read the given information carefully and answer the questions given beside:

Ten persons from K to T are attending meeting on five different months among January, February, March, April and May but not necessarily in the same order. The meeting held on two different dates like 11th and 22nd of each month. No two persons attend the meeting on same date.

Only two persons attend meeting before O.

Three persons attend meeting between L and R.

P attends meeting in March.

L attends meeting on 22nd of the month which has less number of days.

K and N attend on odd date.

K attends on month which has 31 days.

Two persons attend meeting between N and T.

S attends meeting immediately before T.

Two persons attends meeting between S and Q.

21. How many persons attend the meeting before Q?
A. Three
B. Four
C. Five
D. Six
E.None of these
Correct option is: C

22. Who among the following attends the meeting on 11th of May?
A. N
B. T
C. P
D. S
E. None of these
Correct option is: D

23. Which among the following statements is definitely true?
A.R and the person who attends meeting immediately before T are attends the meeting in same month.
B.Number of persons attends the meeting between M and P is same as Q and T.
C. Three persons attends the meeting after N.
D. Q and S attends the meeting in the same date.
E.None of these
Correct option is: C

24. Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the group?

A. P

B. K

C. T

D. O

E. Q

Correct option is: D

25. Which of the following persons attend meeting in a month which has 30 days?

A. R and S

B. L and O

C. N and R

D. M and O

E. T and P

Correct option is: C

Solution:

Days	Month	Date	Persons
31	January	11th	K
		22nd	M
28	February	11th	O
		22nd	L
31	March	11th	P
		22nd	Q
30	April	11th	N
		22nd	R
31	May	11th	S
		22nd	T

DIRECTIONS(26 to 30): Study the following information carefully and answer the given question.
There are seven persons Shaan, Shaanu, Shakti, Shah, Shiv, Shiva and Shivani study in the same college. They all like different mobile brands,

namely Lava, Nokia, Samsung, Apple, TATA, Micromax and Rio, but not necessarily in the same order. All of them are planning to travel by three cars namely Porsche, Ferrari and Bentley. They decided a fixed number of persons in each car i.e. two persons in Porsche, three in Ferrari and two in Bentley.

Shivani neither likes Micromax nor Samsung. The person who likes Samsung is the only other person who is travelling in the same car with Shakti. Shaanu and Shiva are not travelling by Ferrari and they like Rio and TATA respectively and travelling in the same car. Shaan likes Apple. Shiv travels in the same car in which the person who likes Nokia is travelling but not travelling in Ferrari or Porsche.

26. Which mobile brand is liked by Shah?
A. Lava
B. Rio
C. Nokia
D. Micromax
E.None of these
Correct option is: D

27. Which of the following pair is correct?
A. Shaanu – Rio – Ferrari
B. Shah – TATA – Bentley
C. Lava – Shiva –Porsche
D. Ferrari – Shaan – Samsung
E.None of these
Correct option is: E

28. Who likes Lava?
A. Shaan
B. Shah
C. Shivani
D. Either (b) or (c)
E.None of these
Correct option is: C

29. Choose the odd man out.
A. Shaanu
B. TATA
C. Rio
D. Apple
E. Shiva
Correct option is: D

30. Who among the following is/are travelling in a Ferrari?
A. Shaan
B. Shivani
C. Shah
D. Only (a) and (b)
E.All (a), (b) and (c)
Correct option is: E
Solution:

Car	Name (Mobile)
Bentley	Shakti (Nokia) Shiv (Samsung)
Porsche	Shaanu (Rio) Shiva (TATA)
Ferrari	Shaan (Apple) Shivani (Lava) Shah (Micromax)

Directions(31 to 35): Study the following information carefully and answer the questions given beside:

Eight singers – Seema, Vishal, Kanika, Vijay, Rajeev, Abhay, Mitra and Shailu are going to perform in music concerts held in different cities – Mumbai, Bhopal, Agra, Surat, Delhi, Pune, Jaipur and Goa not necessarily in the same order. The concerts will be held in the months of July, August, September and October either on 5th or 8th of a month. Only one concert will be held on each day.

Seema will perform in Goa in September.
Seema and Vishal will perform at a gap of 3 persons.

Concert in Mumbai will be held at a gap of 1 from Vishal.

Abhay and Vijay will perform in consecutive months but not on consecutive turns.

Concerts in Bhopal and Delhi will be held at a gap of 1 but neither of them will be held in October.

Concert in Pune will be held just before the concert in Agra.

Shailu will perform in Jaipur at a gap of 1 from Mitra.

Number of concerts held before Rajeev's concert will be twice as that of the number of concerts held after Kanika's concerts.

Rajeev will perform before Kanika but will be not the 1st to perform.

Mitra will perform either in Delhi or in Mumbai.

Abhay will not perform in Agra and Kanika will not perform in Surat.

31. Who among the following will perform in Surat?

A. Seema

B. Vishal

C. Kanika

D. Rajeev

E.None of these

Correct option is : B

32. If Shailu is related to Surat in the same way Kanika is related to Agra then following the same pattern, who among the following is related to Rajeev?

A. Delhi

B. Surat

C. Goa

D. Pune

E. Agra

Correct option is : A

33. How many person(s) will perform between the one who performs in Mumbai and Seema?

A. None
B. One
C.Two
D.Three
E. More than three
Correct option is : B

34. Which of the following combinations of Person – Place – Month is/are correct?
A. Rajeev – Mumbai – September
B. Kanika – Goa – October
C. Mitra – Mumbai – August
D. Vishal – Surat – July
E.None is correct
Correct option is : D

35. Who among the following performs on 5th of October and in which city?
A. Kanika – Pune
B. Vijay – Pune
C. Kanika – Agra
D. Mitra – Mumbai
E.None of these
Correct option is : A
Solution :

Month	Day	Person	City
July	5th	Vishal	Surat
	8th	Shailu	Jaipur
August	5th	Rajeev	Mumbai
	8th	Mitra	Delhi
September	5th	Seema	Goa
	8th	Abhay	Bhopal
October	5th	Kanika	Pune
	8th	Vijay	Agra

Directions(36 to 40): Study the following information and answer the below given questions.

Six leaders – Jaganmohan, Pema, Sarbananda, Nitish Kumar, Bhupesh and Arvind are leading six different Cities of India which are – XYZ, ABC, LMN, QRS, GHI and DEF but not necessarily in the same order. Each one likes a different Color – White, Yellow, green, blue, red and black but not necessarily in the same order.

Nitish Kumar is not leading DEF. Bhupesh is leading LMN and likes White. Sarbananda likes green and is not leading DEF. The one who likes blue is leading GHI. Arvind is leading QRS and does not like black. The one who likes red is leading ABC. Jaganmohan and Pema do not like red. Jaganmohan doesn't like black.

36. Which City is Pema leading?

A. XYZ

B. LMN

C. ABC

D. GHI

E. DEF

Correct option is : E

37. Which Color does Jaganmohan like?

A. Blue

B. Yellow

C. White

D. Green

E. Red

Correct option is : A

38. Which of the following leader – City combination is correct according to the given information?

A. Nitish Kumar – DEF

B. Pema – GHI

C. Sarbananda – XYZ

D. Arvind – LMN

E.None is correct

Correct option is : C

39. Which Color does Pema like?

A. Blue

B. Yellow

C. White

D. Green

E. Black

Correct option is : E

40. Which of the following leader – Color combination is correct according to the given information?

A. Nitish Kumar – black

B. Pema – blue

C. Sarbananda – red

D. Aravind – Yellow

E.Jaganmohan – White

Correct option is : D

leader	City	Color
Jaganmohan	GHI	blue
Pema	DEF	black
Sarbananda	XYZ	green
Nitish Kumar	ABC	red
Bhupesh	LMN	White
Arvind	QRS	Yellow

Directions(41 to 45): Read the given information carefully and answer the questions given below.

Salman, Katrina, Disha, Sanjay, Ranbir, Raju and Alia are seven friends working in three different films, i.e. Raazi, Tiger Zinda Hai and Sanju. Not more than three or less than two work in any of the films. Two of them have specialization in Direction and two in Acting and one each in Production, Editing and Music direction. Three of them are females, one in each film. The persons with same specialization don't work together in any of the films.

Ranbir works in Tiger Zinda Hai and is specialized in Production.
Raju works in Raazi and is specialized in Direction.
None of them working in Sanju is specialized in Direction.
Katrina works in Sanju with only Alia.
Disha and Sanjay don't work together.

Salman works with neither Raju nor Disha.
Salman is specialized in Acting whereas her friend Alia is specialized in Editing .
One of the females is a specialist in Music direction.
Katrina is not a specialist in Music direction.
None of the females is specialized in Editing .

41. Which of the following combinations is false?
A. Katrina - Sanju - Acting
B. Raju - Raazi - Direction
C. Disha - Raazi - Production
D. Sanjay - Tiger Zinda Hai - Direction
E.Salman - Tiger Zinda Hai - Acting
Correct option is: C

42. Which of the following represent the group of females?
A. Disha, Alia and Katrina
B. Salman, Katrina and Ranbir
C. Raju, Katrina and Disha
D. Salman, Katrina and Disha
E.Salman, Sanjay and Disha
Correct option is: D

43. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to the group?
A. Salman
B. Sanjay
C. Ranbir
D. Raju
E. Alia
Correct option is: A

44. Sanjay is specialized in which of the following?

A. Acting

B. Direction

C. Production

D. Either A or B

E.None of these

Correct option is: B

45. People with which of the following speciaizations work in "Tiger Zinda Hai"?

A. Acting and Direction

B. Production and Acting

C. Acting, Direction and Production

D. Direction and Music direction

E. None of these

Correct option is: C

Solution:

Person	Gender	Film	Specialization
Salman	F	Tiger Zinda Hai	Acting
Katrina	F	Sanju	Acting
Disha	F	Raazi	Music direction
Sanjay	M	Tiger Zinda Hai	Direction
Ranbir	M	Tiger Zinda Hai	Production
Raju	M	Raazi	Direction
Alia	M	Sanju	Editing

Directions (46 to 50): Study the following information and answer the given questions.

Seven friends, namely, P, Q, R, S, T, U and V, watch seven different movie, namely Spectre, Joy, Burnt, Concussion, Frozen, Everly and

legend, not necessarily in the same order, starting from Monday to Sunday (of the same week). T watches a movie on Thursday. Only one person watches the movie between T and the one who watches Frozen. P watches movie immediately after the one who watches Frozen. Only three people watch the movie between P and the one who watches Burnt. Only two people watch the movie between the one who watches burnt and U. The one who watches Legend, watches the movie before U but after Thursday. More than two people watch the movie between the one who watches the movie Legend and R. The one who watches Spectre watches the movie immediately before the one who watches Everly. The one who watches Concussion watches immediately before Q. V does not watch the movie on Tuesday.

46. Who amongst the following watches Joy?

A. R
B. S
C. P
D. T
E. V

Correct option is: C

47. Four of the following five are alike in a certain way and so form a group. Which of the following does not belong to that group?

A. T-Tuesday
B. S-Thursday
C. Q-Sunday
D. P-Friday
E.U-Saturday

Correct option is: E

48. Which of the following is true about S?

A. S watches the movie immediately after R.
B. S watches Burnt.

C. Only two people watch the movie between S and R.

D. All the given statements are true

E.S watches the movie on Sunday.

Correct option is: A

49. Which of the following movies does T watch?

A. Burnt

B. Spectre

C. Everly

D. Concussion

E. Legend

Correct option is: D

50. As per the given arrangement Q is related to the one who watches Frozen in a certain way and R is related to the one who watches Everly in the same way. Which of the following is U related to in the same way?

A. The one who watches Joy

B. The one who watches Concussion

C. The one who watches Burnt

D. The one who watches Spectre

E.The one watches Legend

Correct option is: A

Solution:

Day	Person	Movie
Monday	R	Spectre
Tuesday	S	Everly
Wednesday	V	Burnt
Thursday	T	Concussion
Friday	Q	Legend
Saturday	U	Frozen
Sunday	P	Joy

TYPE III – FLOOR & BOX

Direction (1 – 5): Study the information given below and answer the questions based on it. Seven friends named– P, R, M, L, D, S and N live on seven different floors of a building, but not necessarily in the same order. The lowermost floor of the building is numbered one the
above that is numbered two and so on till the topmost floor is numbered seven. Each one of them likes different companies Laptop viz, Samsung, Dell, Lenovo, HP, Acer, Apple and Sony but not necessarily in the same order. Only three people live between R and D. R lives above D. D doesn't live on the lowermost floor. Only one people live between R and the one who likes Lenovo. The one who likes Sony live on an even numbered floor above the one who likes Lenovo. Only two people live between N and the one who likes Lenovo. The one who likes Samsung lives immediately above N. P lives immediately above S. P does not like Lenovo. The one who likes HP lives on an odd numbered floor below S. N does not like HP. L live above M. Only one person lives between the one who likes Acer and the one who likes Apple. L does not like Acer. N does not like Dell.

1. R likes which of the following laptops?
A. Samsung
B. HP
C. Sony
D. Dell
E.Lenovo Correct
option : D

2. Who amongst the following lives on the floor numbered 4 ?
A. The one who likes Apple.
B. The one who likes Lenovo.
C. P
D. S

E. R

Correct option : A

3. Which of the following statements is true with respect to the given arrangement ?
A. Only two people live between D and N.
B. The one who likes Apple lives immediately above D.
C. M likes Lenovo.
D. M lives on an even numbered floor.
E.None of these
Correct option : B

4.If all the people are made to sit in alphabetical order from top to bottom, the positions of how many people will remain unchanged ?
A. None
B. One
C. Three
D. Two
E. Four
Correct option : A

5.Which of the following combinations is true with respect to the given arrangement ?
A. Sony– M
B. HP – R
C. Acer – D
D. Lenovo – S
E. Samsung – P

Correct option :D

Solution :

7	R	Dell
6	P	Sony
5	S	Lenovo
4	L	Apple
3	D	Samsung
2	N	Acer
1	M	HP

DIRECTIONS (6 to 10): These questions are based on the following information.

Seven colored boxes – blue, red, violet, green, yellow, orange, and indigo – are arranged one above the other but not necessarily in the same order. The following information is known about them.

Red-colored box is arranged two places away from green-colored box which is arranged two places away from indigo-colored box but none of the boxes is arranged at the top. The number of boxes arranged below yellow-colored box is equal to the number of boxes arranged above orange-colored box. Violet-colored box is arranged below blue-colored box but neither of them is adjacent to indigo-colored box nor below green-colored box. Red and orange boxes are not arranged adjacently.

6. Which colored box is arranged in the middle?

A. Blue

B. Yellow

C. Red

D. Violet

E. Orange

Correct option is : D

7. Which colored box is arranged at the bottom?
A. Violet

B. Indigo

C. Orange

D. Red

E. Green

Correct option is : B

8.If we interchange red and orange colored boxes, then which colored box is arranged two places below violet-colored box?
A. Red

B. Green

C. Orange

D. Indigo

E. Yellow

Correct option is : A

9. How many boxes are arranged between yellow and indigo-colored boxes?
A. Two

B. Three

C. Four

D. Five

E. One

Correct option is : C

10. From top to bottom, if we arrange the boxes in the form of VIBGYOR accordingly, then how many boxes remain in the same position.
A. One

B. Two

C. Three

D. Five

E. None

Correct option is : A

Solution:

B
Y
R
V
G
O
I

Directions(11 to 15) : Read the following information carefully and answer the questions given beside.

Nine persons from A to I live in a nine story building such that at each floor only one person lives. Each one of them owns mobile phones of different brands viz. Apple, Samsung, Lenovo, Micromax, Sony, Microsoft, MI, Vivo and Oppo. The floors are numbered from bottom to top as 1 to 9.

D lives at an odd numbered floor above 5 and owns Lenovo. The one who owns Apple lives three floors below the one who owns Samsung. C lives on the floor number which is a perfect square. The one who has Micromax phone lives just above E, who lives at the lowermost floor. B lives immediately below the one who owns Vivo phone. The one who owns Vivo phone lives on an odd numbered floor. There are four floors between the floors on which the one who owns Oppo and B live. B does not own Micromax phone. G owns Samsung and is adjacent to the one who owns Lenovo. F and the one who owns Microsoft are adjacent to C where F is above C. B lives three floors above I. C does not own MI. A lives above H.

11. How many floors are there between the floor numbers of D and the one who owns Sony?
A. 1

B. 2

C. 3

D. 4

E.None of these

Correct option is : D

12. Who among the following owns Vivo?

A. A

B. F

C. E

D. H

E. None of these

Correct option is : A

13. How many persons live above I?

A. 2

B. 6

C. 5

D. 4

E.None of these

Correct option is : B

14. Who lives at the floor number which is equal to the sum of the floor numbers where H and the one who owns Apple live?

A. B

B. E

C. A

D. D

E. None of these

Correct option is : C

15. Who owns the OPPO?

A. D

B. G

C. A

D. E

E. I

Correct option is : D

Solution :

Floor number	Persons	Mobile phone brands
9	D	Lenovo
8	G	Samsung
7	A	Vivo
6	B	MI
5	F	Apple
4	C	Sony
3	I	Microsoft
2	H	Micromax
1	E	Oppo

Directions(16 to 20): Read the following information carefully and answer the question that follows:

Mr. Sharma is shifting his house. He packed nine boxes numbered 1 to 9 which are stacked one above the other but not necessarily in the same order. These boxes contain different items – Books, Curtains, crockery, Picture frame, Lamps, Show-piece, Snacks, Clothes and Bed-sheets not necessarily in the same order.

The box which contains Curtains is numbered with a number which is a perfect square and is placed fourth from the bottom of the stack. The box which is third from the top of the stack is numbered with a number which is a perfect cube. The average of the numbers marked on the box of Lamps and the box of Bed-sheets is equal to the number marked on the box which is kept at the bottom of the stack. Only two boxes are kept above the box which contains Snacks. The box which contains Clothes is kept immediately below the box that contains Show-piece. The box which contains Bed-sheets is numbered with a prime number. The boxes containing Clothes and Bed-sheets are kept immediately above or below the box that contains Snacks. There are three boxes between the box that contains Books and the box that is numbered 6. The box which is numbered 2 is placed just below the box which is a prime number. The average of the numbers marked on the boxes of Curtains and Lamps is a perfect cube. There is one box between the box which contains Picture frame and the box which contains Curtains. The box containing Books is not kept at the bottom of the stack. The number marked on the box which contains Picture frame is half the number marked on the box which is placed just

below it. The box which is kept at the top of the stack is marked with the number which is half the number of boxes between the boxes containing Curtains and crockery. The box which is placed just below the box which contains Gift is even-numbered. The box containing Lamps is not placed at the bottom of the stack.

16. What is the average of the number on the boxes containing Show-piece and Picture frame?

A. 3

B.6

C. 8

D. 2

E. 4

Correct option is : D

17. Which of the following items are kept in the box numbered 4?

A. Show-piece

B. Snacks

C. Lamps

D. Clothes

E. Crockery

Correct option is : D

18. Which of the following does not belong to the group?

A. Show-piece

B. Snacks

C. Books

D. Clothes

E. Crockery

Correct option is : A

19. what is the box number of lamps?

A. 4

B. 7

C. 5

D. 3

E. 9

Correct option is: B

20. What is the difference between the box number of item crockery and Snacks ?

A. 1

B. 3

C. 4

D. 2

E. None of these

Correct option is: D

Box Number	Items
1	Show-piece
4	Clothes
8	Snacks
5	Bed-sheets
2	Books
9	Curtains
7	Lamps
3	Picture frame
6	crockery

DIRECTIONS (21 to 25): Study the following information and answer the questions given below.Vishal, Rohan, Anu, Yogendra, Akash and Ritu stay on different floors of a six-storey building (ground floor is numbered as floor 1 and top floor is numbered as floor 6).Each of them plays one of the following games: Golf, Hockey, Squash, Tennis, Chess and Volleyball, but not necessarily in the same order. Rohan stays on floor 4 and he plays neither Chess nor Volleyball. The one who plays Hockey stays on floor 3. Akash plays Tennis and he doesn't stays on either floor 1 or 6. Anu stays on floor 2 and plays Squash. Yogendra plays Volleyball but neither he nor Ritu stays on floor 1.

21. Who plays Golf?

A. Ritu.

B. Yogendra.

C. Rohan.

D. Vishal .

E.None of these.

Correct option is: C

22. Which game does Vishal play?

A. Squash.

B. Chess .

C. Hockey.

D. Golf .

E.None of these.

Correct option is: B

23. On which floor does Akash stay?

A. 5

B. 4

C. 3

D. 2

E.None of these.

Correct option is: A

24. Who plays Hockey?

A. Rohan.

B. Vishal .

C. Ritu.

D. Anu .

E.None of these.

Correct option is: C

25. Who plays Hockey?

A. Rohan.

B. Vishal .

C. Ritu.

D. Anu .

E.None of these.

Correct option is: C

Solution:

Floor	Player	Game
6	Yogender	Volleyball
5	Akash	Tennis
4	Rohan	Golf
3	Ritu	Hockey
2	Anu	Squash
1	Vishal	Chess

Directions(26 to 30): Read the following information carefully and answer the questions given beside.

There are six boxes placed above each other. They are numbered from 1 to 6 and containing different edible items. Candy box is placed above Chocolate box. Box 2 contains Cutlery and is placed just above Candy box. Box 5 is not placed below Box 2. 3 boxes are placed between Box 4 and the box that has Dry fruit. Dry fruit box is placed adjacent to Cutlery box and is above Box 4. 2 boxes are placed between Box5 and the box containing Vegetable. Box1, which is not placed on the top, contains Fruit.

26. If Box 3 contains Candy then how many boxes are placed below Box 6?

A. 3

B.2

C. 4

D. Can't be determined

E.None of these

Correct option is: B

27. How many boxes are placed between Cutlery box and Fruit box?

A. None

B. 1

C. 2

D. 3

E.None of these

Correct option is: D

28. Which of the following shows the position of Chocolate box?

A. Third from the top

B. Adjacent to Cutlery box

C. Second from top

D. Second from bottom

E.None of these

Correct option is: D

29. Which of the following items is contained in Box 5?

A. Dry fruit

B. Fruit

C. Either Chocolate or Dry fruit

D. Vegetable

E.Can't be determined

Correct option is: A

30. Which of the following boxes contain Candy?

A. Box 6

B. Box 5

C. Box 4

D. Can't be determined

E.None of these

Correct option is: D

Solution:

Case1	
Box	Item
5	Dry fruit
2	Cutlery
3/6	Candy
3/6	Vegetable
4	Chocolate
1	Fruit

Direction (31 – 35) : Study the information given below and answer the question based on it.
Eight persons A, B, C, D, E, F, G and H live in an eight floored building. The lowermost floor is numbered 1 and the topmost floor is numbered 8. Their heights are different i.e., 165cm, 168cm, 170cm, 173cm, 175cm, 178cm, 180cm and 183cm, but not necessarily in the same
order.

The persons who live on the topmost floor and the lowermost floor, have the maximum height difference. Only one person lives between D and the one who is the shortest. One person lives between D and the one whose height is 180cm. G's height is 178cm and lives just above E. One person lives between E and A and E lives above A. Not more than two persons are shorter than E and E's height is not 168cm. One person lives between F and the one whose height is 170cm. One person lives between D and C. C's height is not 180cm. Not more than two persons are taller than B. D is taller than A but shorter than H.

31. Who among the following person is tallest in the group?
A. B
B. F
C. H
D. D
E. A

Correct option is: B

32. Which of the following combination is correct?
A. G-178cm-3rd floor
B. B-180cm- 2nd floor
C. A-168cm-4th floor
D. C-183cm-8th floor
E.D-173cm-4th floor
Correct option is : C
33. How many persons are taller than G?

A. None
B. One
C. Two
D. Three
E. More than three

Correct option is :C
34. How many persons live between the tallest person and D?
A. None
B. One
C. Two
D. Three
E.More than three
Correct option is :E
35. Which of the following is not belongs to the group?
A. F
B. G
C. E
D. A
E. H

Correct option is : B

Solution:

Floor	Person	Height
8	F	183cm
7	G	178cm
6	E	170cm
5	B	180cm
4	A	168cm
3	D	173cm
2	H	175cm
1	C	165cm

Direction (36 – 40): Study the following information carefully to answer the given questions:

There are seven persons i.e. A, B, C, D, E, F and G who lives in a building having three floors such that ground floor is numbered as 1 and above it is 2 and so on up to top floor numbered as 3. Each of the floor consist of 3 flats as flat-1, flat-2 and flat-3. Flat-1 of floor-2 is immediately above flat-1 of floor-1 and immediately below flat-1 of floor-3 and in the same way flat-2 of floor-2 is immediately above flat-2 of floor-1 and immediately below flat-2 of floor-3 and so on. Flat-2 is in east of flat-1 and flat-3 is in east of flat-2. Not less than two person lives on the same floor. Only one person lives in a flat. Two flats are vacant. Only one floor is between F and G but both live in same flat number. D lives immediately west to G. E lives immediately above C. No one lives on the east of F. C does not lives in the same flat number as D. E and D do not live on the same floor. A does not live in the same flat number ass C. B live below the floor on which A lives but not in the same flat number. B lives in an even numbered flat and on even numbered floor but not on the same floor on which C lives.

36. Who among the following lives immediately above B?

A) A

B) D

C) G

D) F

E) None of these

Correct option is: D

37. A live on which of the following flat?

A) Flat 1

B) Flat 2

C) Flat 3

D) Either (a) or (b)

E)Either (a) or (c)

Correct option is: A

38. On which of the following floor three persons lives?

A) 1st Floor

B) 2nd Floor

C) 3rd Floor

D) Can't be determined

E)Either 1st or 3rd

Correct option is: A

39. Which of the following is true regarding A?

A) Flat 1- 2nd Floor

B) Flat 3- 3rd Floor

C) Flat 1- 3rd Floor

D) Flat 2- 2nd Floor

E)None of these

Correct option is: C

40. Who among the following lives immediately below E?

A) A

B) B

C) C

D) D

E) F

Correct option is: C

Solution:

Floor	Flat 1	Flat 2	Flat 3
3	A	F	nil
2	Nil	B	E
1	D	G	C

Directions (41 – 45): Answer the questions on the basis of the information given below.

There are 10 people – A, B, C, D, E, M, N, O, P and Q who stay on 4 floors (numbered 1 to 4) of a building. There are three flats on each of the four floors out of which two flats are vacant.
The flats are numbered 1, 2 and 3 on each of the floors and are left to right on the floor respectively.
Flat no. 1 of floor no. 2 is exactly above the flat no. 1 of floor no. 1 and so on.
M stays on flat no. 1 of the floor just below the floor on which B stays. The flat no 2 of floor no 2 is empty. B stays on flat no. 2 on one of the floors. D stays on flat no. 2. C stays on flat no. 3 of same floor on which M stays. Flat to the right of B is empty. Flat on which A stays is below the flat of B such that no one lives between them. Flat no 3 of floor no 4 is empty. Q stays on flat to the right of D. O and E stays on the same floor. C and O do not share same flat no. P does not stay on top floor.

41. Who stays on flat no 3 of floor no 3?
A) A
B) Q
C) E
D) no one
E) C

Correct option is: E

42.Who stays above P?
A) M
B) no one
C) O
D) D
E) N

Correct option is: C

43. Which of the following pair of peoples stays on same floor?
A) O, E, D
B) N, A
C) D, Q, B
D) M, C, A
E) M,C

Correct option is: D

44. How many people live above A?
A) One
B) Two
C) Three
D) Four
E) Five

Correct option is: B

45. How many people live to the left of Q?
A) One
B) Two
C) Three
D) Four
E) Five

Correct option is: B

Solution:

Floors	Flat No 1	Flat No 2	Flat No 3
4	N	B	×
3	M	A	C
2	O	×	E
1	P	D	Q

Directions (46-50):

There are three floors in a given building such that floor 2 is above floor 1 and floor 3 is above floor 2. In the building there are two flats in each floor such Flat A is in the west of Flat B. In the building each Flat has an area of 576 ft and each flat has some certain number of rooms and no two flat has same number of rooms. The area of each rooms of one of the flat on the even number floor is 64ft. Total rooms on floor number third are seven. The flat which has rooms of area of 72 ft is on odd number floor. Number of rooms in the flat which is exactly below 9 rooms flat is 288 ft. There is only one floor between the flat who's each room area is 192 ft and the flat whose room area is 72 ft. There is no flat on the west of the flat having 6 rooms.

46. What is the area of a room in Flat A on floor 2?

(a) 94

(b) 92

(c) 96

(d) Either (a) or (c)

(e) None of these

Correct option is: C

47. What is the total number of rooms on floor 2nd?

(a) 12

(b) 14

(c) 13

(d) 15

(e)None of these

Correct option is: D

48. Which of the following statement is true?

(a) Total number of rooms on floor 2 is 14

(b) Area of each room is 94 ft of flat A on floor 1

(c) Total rooms in Flat A of all three floors is 17.

(d) All are correct

(e)None is correct

Correct option is: C

49. What is the area of a room of flat B on floor 3rd?

(a) 144 ft

(b) 140.5

(c) 138.5

(d) 142

(e) None of these

Correct option is: A

50. How many rooms are there of the west of the flat whose each room area is 288 ft?

(a) 6

(b) 4

(c) 3

(d) 8

(e)None of these

Correct option is: D

Solution :

Floor	Flat A	Flat B
3	3 Rooms	4 Rooms
2	6 Rooms	9 Rooms
1	8 Rooms	2 Rooms

Type IV: PARALLEL LINE

Directions (1 to 5): *Study the following information to answer the given questions.*
Eight people- E, F, G, H, W, X, Y and Z are sitting in two parallel rows containing four people each. E, F, G and H are sitting in row-l facing north and W, X, Y and Z are sitting in row-2 facing south (but not necessarily in the same order. Thus, each person sitting in row-1 faces another person sitting in row-2. Each of the two rows consists of one doctor, one engineer, one pilot and one scientist (but not necessarily in the same order).

The Doctor of row-l sits second to the right of H. X face one of the immediate neighbours of H. Only one person sits between the X and the Scientist. The one who faces the Scientist of row-2 is an immediate neighbour of E. Only one person sits between E and the Pilot. W sits second to the right of Z. Y does not face G. The Scientist of row 1 faces the Engineer of row-2. G faces one of the immediate neighbours of the Doctor of row-2. The Doctor of row-2 does not sit at any of the extreme ends of the line. Z is not a Doctor.

1. Which of the following represents the people sitting at extreme ends of both the lines?
(1) F, H and X, Y
(2) F, H and Z, W
(3) G, E and Z, X
(4) E, H and X, Z
(5) G, E and W, Y

Correct option is: 3

2. Who amongst the following sits to the immediate left of pilot of row-1?
(1) H
(2) The Doctor of row-1
(3) The Engineer of row-1
(4) G
(5) F
Correct option is : 4

3. Which of the following represent both the immediate neighbours of Y?
(1) Z and the Scientist of row-2
(2) X and the Engineer of row-2
(3) W and the Doctor of row-2
(4) X and the Pilot of row-2
(5)W and the Pilot of row-2
Correct option is: 5

4. Which of the given statements is true with respect to the given arrangement?
(1) Y sits to the immediate right of X.
(2) F and Z face each other.
(3) G is a scientist.
(4) None of the given statements is true.
(5)The Engineer of one row faces the Doctor of another row.
Correct option is: 3

5. If Y and X interchange their places, so do H and E then who amongst the following faces E?
(1) Y
(2) H
(3) F
(4) W
(5)Other than those given as options
Correct option is: 4

Solution:

	X	W	Y	Z
	Engineer	Doctor	Scientist	Pilot ↓ South Row-2

	Scientist	Pilot	Engineer	Doctor
	G	H	F	E ↑ North Row-1
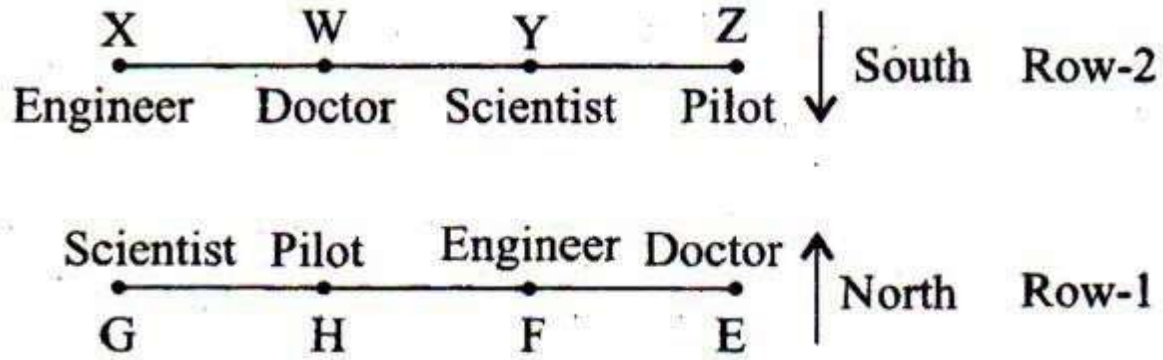
Directions (6 to 10): Read the information given below and answer the questions that follow.

Eight girls of a class – Payal, Palak, parul, preeti, prajakta, pallavi, priyanka and priyanshi are arranged in two rows with 4 girls in each row. girls in one row are facing north while girls in the other row are facing south in such a way that the girls of each row are facing towards the girls of the other row. Each of the girls like a unique snacks among Burger, Pizza, Cheese roll, Pasta, French toast, Potato chips, Nachos and Noodles.

For simplicity, the row facing south is names as row 1 and the row facing north is named as row 2.Payal, who is sitting at neither of the ends of any row, likes Burger and is 2 places away from the girl who likes Nachos. Palak sits between preeti and prajakta and is facing north. parul sits at one of the ends and is facing the reverse direction as that of the girl who likes Potato chips. pallavi likes French toast and is seated in the rightmost corner facing the north direction. Palak likes Pizza and is opposite the girl who likes Cheese roll. priyanshi is not sitting adjacent to Payal.

6. Which one snacks is necessarily liked by either preeti or prajakta?

A. Cheese roll

B. Potato chips

C. Nachos

D. Noodles

E. Cannot be determined

Correct option is: B

7. Who is sitting opposite to the girl likes Burger?

A. Payal

B. Palak

C. prajakta

D. Pallavi

E. Parul

Correct option is: C

8. If preeti likes pasta, what does parul like ?

A. Potato chips

B. Noodles

C. Either Potato chips or Noodles

D. Cheese roll

E. Cannot be determined

Correct option is: B

9.Who is sitting opposite to the girl who is three places away from the girl who likes Nachos?
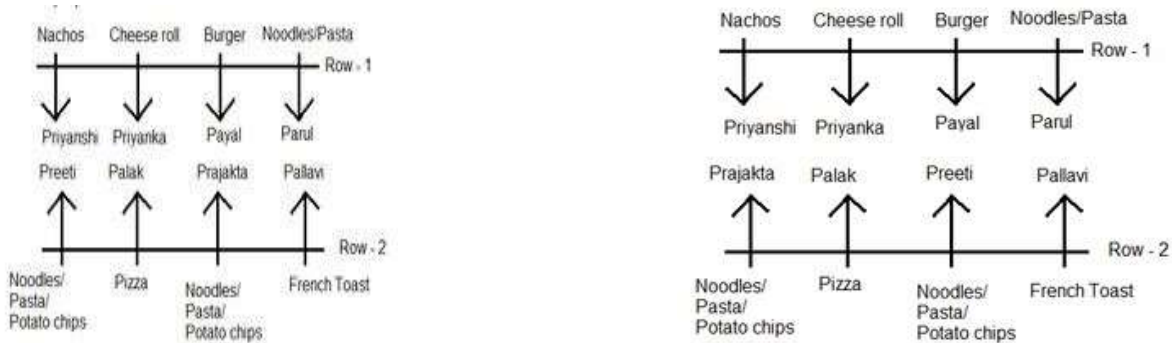
A. preeti

B. Palak

C. prajakta

D. Pallavi

E.Cannot be determined.

Correct option is: D

10. If parul does not like Noodles, what snack does prajakta like?

A. Noodles

B. Potato chips

C. Either Noodles or Potato chips

D. Nachos

E.Cheese roll

Correct option is: C

Solution:

DIRECTIONS(11 to 15): Study the following information to answer the given questions.
Twelve cars viz. Audi, Swift, Santro, Tesla, Innova, Polo, Nano, Figo, Civic, City, Ferrari and BRIO are parked in two parallel rows containing six cars each, in such a way that there is an equal distance between adjacent cars. The cars parked in row-1 are parked in such a manner that the driver seated in the cars would face the South. In row-2, cars are parked in such a manner that the drivers seated in these cars would face the North. Therefore, in the given parking arrangement each car parked in a row faces another car of the other row.
I.Audi being a big car must be parked at one of the extreme ends. Audi is parked second to the left of Santro. Santro faces Figo.
II. Nano and Innova are parked immediately next to each other. Neither is parked adjacent to Figo or Santro.
III.Civic is parked in such a manner that its driver when seated in the parked car would face South. Civic is parked third to the left of Polo.

IV.City is parked in such a manner that it faces Ferrari. Ferrari is parked second to the left of BRIO. BRIO faces North and is not parked adjacent to Figo.
V. Swift is parked third to the right of Ferrari and faces Innova.
Left and right parking directions are with reference to the driver.

11. How many cars are parked between Santro and Civic?

A. One
B. Two
C. Three
D. Four
E.Both cars are parked in different rows
Correct option is: E

12.Polo is related to Ferrari in the same way as Innova is related to Tesla. To which of the following is City related to, following the same pattern?

A. Audi
B. Innova
C. Santro
D. Nano
E. BRIO
Correct option is: C

13. Which of the following cars are parked at extreme ends of the rows?

A. BRIO, Nano
B. Innova, Polo
C. Polo, Tesla
D. BRIO, Innova
E.Ferrari, Swift
Correct option is: C

14. Which of the following cars faces Polo?

A. Audi
B. Civic

C. BRIO

D. Nano

E. Tesla

Correct option is: A

15. Which of the following is true regarding Figo?

A. A driver seated in the parked Figo would face North

B. Swift is parked second to the right of the car facing Figo

C. Nano and Ferrari are parked immediately adjacent to Figo

D. Audi and Tesla are parked at the extreme ends of the row in which Figo is parked

E. None of the above

Correct option is: B

Solution :

| Row 1 | Polo | City | Figo | Civic | Innova | Nano | Facing South ↓ |
| Row 2 | Audi | Ferrai | Santro | BRIO | Swift | Tesla | Facing North ↑ |

Directions(16 to 20): Study the following information to answer the questions.
Twelve people are sitting in two parallel rows containing 6 people each, in such a way that there is an equal distance between adjacent persons. In row-1 Hari, Ila, Jen, Kat, Lia, and Mona are seated and all of them are facing South. In row-2 Adi, Ben, Chan, Dev, Eli and Fara are seated and all facing North. Therefore in the given seating arrangement each member seated in a row faces another member of the other row.
Kat sits third to right of Ila, either Kat or Ila sits an extreme end of line. The one who faces Ila sits second to right of Eli. Two people sits between Ben and Fara. Neither Ben nor Fara sits at the extreme end of the line. The immediate neighbour of Ben faces the person who sits third to left of Hari. Jen and Lia are immediate neighbours of each other. Chan sits second to the left of Adi. Lia does not face the immediate neighbour of Dev.

16. Hari is related to Adi in the same way as Kat is related to Ben based on the given arrangement. So which of the following is Lia related to, following the same pattern?

A. Chan

B. Dev

C. Eli

D. Fara

E.Cannot be determined

Correct option is : B

17. How many persons are seated between Mona and Jen?

A. One

B. Two

C.Three

D. Four

E. None

Correct option is : B

18. Which of the following is true regarding Lia?

A. Fara faces Lia.

B. Mona is an immediate neighbour of Lia.

C. Fara faces thw one who is second to right of Lia

D. Lia sits at one of the extreme ends of the line.

E.Ila sits second to the right of Lia.

Correct option is : C

19. Four of the following five are alike in a certain way based on the given arrangement & so form a group. Which is the one that does not belong to that group?

A. Adi-Lia

B. Ben-Lia

C. Fara-Hari

D. Chan-Mona

E. Eli – Ila

Correct option is : E

20. Who amongst the following sits at the extreme ends of the rows?

A. Kat, Dev

B. Ila, Adi

C. Mona, Fara

D. Ila, Eli

E. Hari, Dev

Correct option is : E

Solution :

South Facing	Hari	Mona	Kat	Lia	Jen	Ila
North Facing	Chan	Fara	Adi	Eli	Ben	Dev

Directions(21 to 25): Study the following information carefully and answer the questions given beside:

Ten Friends Harish, Ratan, Manish, Arpit, Vivek, Daya, Rajan, Aman, Sachin and Rohit are seated in two rows facing each other. 5 of them are facing north and 5 are facing south but not necessarily in the same order. The arrangement is based on the

following   rules:

Harish is seated 3rd to the right of Arpit.
Ratan is to the immediate right of the person who is sitting in front of Arpit .
Arpit and Vivek are the immediate neighbours of Sachin.
Rajan is 4th to the left of the person who is in front of Aman.
Aman is 2nd to the left of Rohit.
Manish is facing the north and is seated to the left of Daya.
21. Who among the following is in front of Rajan?

A. Arpit

B. Daya

C. Aman

D. Ratan

E. None of these

Correctoption is : D

22. Who among the following is sitting second to the left of Daya?

A. Manish

B. Vivek

C. Arpit

D. Aman

E.None of these

Correctoption is : A

23. How many persons are there between Aman and Ratan?

A. No one

B. 1

C. 2

D. 3

E. Can't be determined

Correctoption is : D

24. Who among the following persons is/are sitting at the extreme end of the row?

A. Vivek

B. Arpit

C. Ratan

D. Either Vivek or Arpit

E.Either Arpit or Rohit

Correctoption is : C

25. Four of the following five are alike in a certain way and so form a group.
Which is the one that doesn't belong to the group?

A. Vivek

B. Rohit

C. Sachin

D. Manish

E. Arpit

Correct option is : E
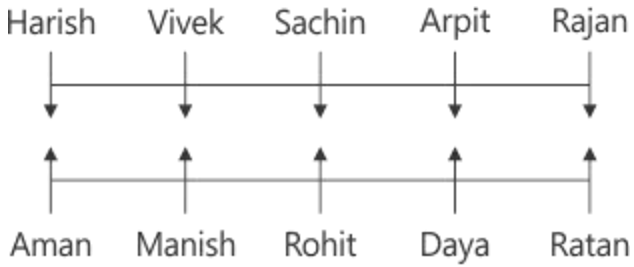
Solution:

Harish	Vivek	Sachin	Arpit	Rajan
↓	↓	↓	↓	↓
↑	↑	↑	↑	↑
Aman	Manish	Rohit	Daya	Ratan

Directions(26 to 30): Study the following information carefully and answer the questions given beside:

Twelve persons A, B, C, D, E, F, U, V, W, X, Y and Z are sitting in two parallel rows. A, B, C, D, E and F are sitting in row-1 facing south direction and U, V, W, X, Y and Z are sitting in row-2 facing north direction in such a way that each person sitting in row-1 faces the person sitting in row-2.

26. Who among the following faces C?
A. W
B. X
C. Y
D. Z
E. None of these

Correct option is : C

27. Who among the following faces Z?
A. A
B. B
C. E
D. F
E. None of these

Correct option is : A

28. If the names of all the persons sitting in second row are to be arranged in alphabetical order (starting from right end of second row) then who among the following will face F?
A. W

B. U
C. Y
D. X
E. None of these

Correct option is : D

29. Who among the following sits third to the right of the one, who is facing the one, who is second to the left of E?
A. U
B. V
C. X
D. Z
E. None of these

Correct option is : C

30. Who among the following faces the immediate neighbour of W?
A. A
B. D
C. F
D. C
E. None of these

Correct option is : D
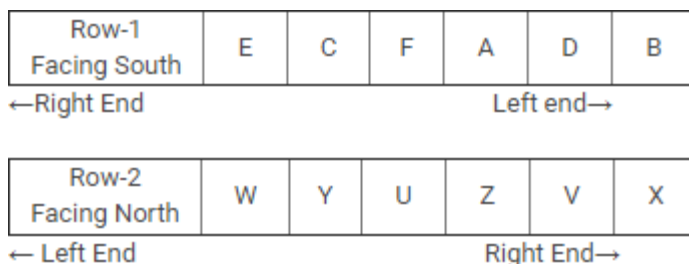
Solution:

Row-1 Facing South	E	C	F	A	D	B

←Right End   Left end→

Row-2 Facing North	W	Y	U	Z	V	X

← Left End   Right End→

Directions (31- 35): Study the following information carefully to answer the given questions.

Twelve persons are sitting in two parallel rows containing six people in such a way that there is an equal distance between adjacent persons. In Row – I, Danvir, Danav, Devrat, Dayaal, Darshan and Darshit are seated (but not necessarily in the same order) and all of them are facing South. In Row -II, Dipen, Deepak, Dileep, Danny, David and Daman are seated (but 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. All of them having a cars of different companies, viz Tata, Lexus, Toyota, Jaguar, Lamborghini, Mercedes-Benz, BMW, Nissan, Renault, Skoda, Audi and Dodge but not necessarily in the same order. Deepak faces one who sits third to the right of Darshan. Danny neither owns Jaguar nor Toyota. The person who owns Dodge, facing South Direction. Danav owns Skoda and faces the one who owns Mercedes-Benz. Only three persons sit between Darshan and Danav. The person who owns Jaguar car, facing North Direction. Darshit does not own Dodge. The persons who own Mercedes-Benz and BMW sit next to each other. The one who owns Nissan sits second to the right of Danvir. Darshit is neither an immediate neighbour of Danav nor Darshan. One of the immediate neighbours of Darshit faces Daman. The one who owns Renault car sits at one of the extreme ends of the line.

Only three persons sit between Daman and the one who faces Devrat. The one who owns Tata car sits at one of the extreme ends of the line. There are two people sit between one who owns Dodge car and the one who owns Renault. Dipen sits second to the left of the one facing Danvir. The person who owns Lamborghini faces North Direction. Dileep is not an immediate neighbour of Deepak. Danav does not face David. There are three people sit between one who owns Tata car and the one who owns Jaguar. The person who owns Toyota faces one of the

immediate neighbours of Dodge. There are two people sit between one who owns Nissan and Audi.

31. How many persons are seated between Danny and Daman?

a. One
b. Three
c. Four
d. Two
e.None of these
Correct option is : D

32. Who amongst the following sit at the extreme ends of the rows?
a. Darshan, Danav
b. Dipen, Danvir
c. Darshan, David
d. Darshan, Danny
e. Dipen, Darshan

Correct option is : E

33. Who amongst the following faces Dipen?
a. Dayaal
b. Darshit

c. Devrat
d. Darshan
e. None of the Above

Correct option is : C

34. Danvir is related to Toyota in the same way as Danny is related to Nissan based on the given arrangement.Then Darshit is related to?
a. Toyota
b. Jaguar
c. BMW
d. Lexus
e. None of the Above

Correct option is : B

35. Four of the following five are alike in a certain way based on the given arrangement and so form a group.

Which is the one that does not belong to that group?
a. Danny, Danvir
b. Daman, Darshit
c. Dileep, Dayaal
d. Dipen, Danav
e. Dipen, Devrat

Correct option is : E

| Devrat | Danav | Danvir | Darshit | Dayaal | Darshan | Row I |
| Nissan | Skoda | Dodge | Audi | Lexus | Renault | (Facing South) |

| Tata | Mercedes-Benz | BMW | Toyota | Jaguar | Lamborghini | Row II |
| Dipen | Danny | Deepak | David | Daman | Dileep | (Facing North) |
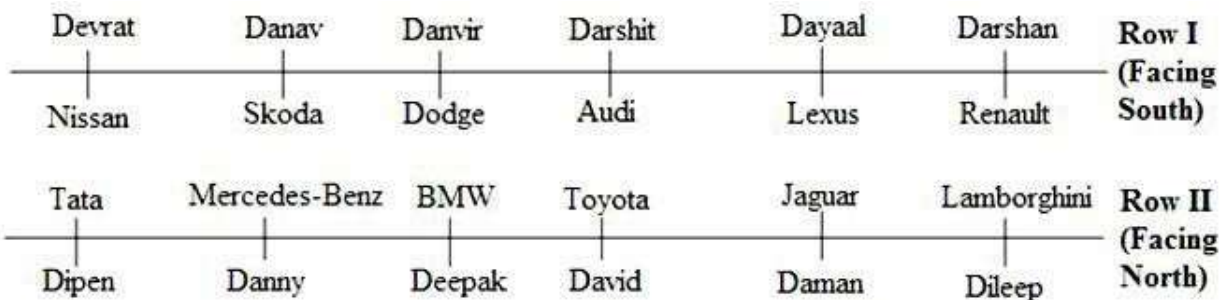
DIRECTIONS(36 to 40): These questions are based on the following information. Five boys – A, B, C, D and E – are sitting in row-I, facing North, and five girls – P, Q, R, S and T – are sitting in row-II facing South, not necessarily in the same order. Each boy in row - I is facing exactly one girl from row -II. The following information is known about them.
Only two persons sit between A and the boy who faces Q, who does not sit at any end. C is to the immediate left of B, but both of them are not adjacent to E. P is opposite the boy who is to the immediate right of D. D does not sit opposite Q. R is to the left of the girl who faces D. C does not face S.
36. Who faces S?
A. A
B. B
C. D
D. E
E.Cannot be determined
Correct option is: C

37. Who sits second to the right of R?
A. P
B. Q
C. S

D. T

E. Cannot be determined

Correct option is: C

38. Which of the following statements is true?
A. P sits opposite D.

B. Q sits to the immediate right of T.

C. R sits opposite A.

D. S sits exactly between R and Q.

E.T sits opposite A.

Correct option is: C

39. Who are the neighbours of D?
A. C and A

B. B and E

C. C and B

D. E and A

E.None of these

Correct option is: B

40. Four of the following are alike in a certain way based on the given information and so form a group. Find the one which does not belong to that group.
A. B

B. C

C. A

D. R

E. T

Correct option is: A

Solution:

Row-II T Q S P R
Row-I   C B D E A

Directions (41 to 45): Read the following information carefully and answer the questions given beside.

Ten persons from A to J sit in two parallel rows such that 5 persons sit in each row. The persons in one row face towards North and the persons in another row face towards South such that persons of row do not face the persons of another row, although they are sitting equidistant.

J is third to the right of G, who is on immediate left of D. A is second to the left of C, who sits opposite to D. E sits opposite to the one who is on the immediate left of J. F sits second to the left of I, who faces North. B sits opposite to I.

41.In which of the following pairs one person faces south while another faces north?
A B - F
B D - F
C A - E
D G - I
E All of the above
Correct option is : C

42.In which of the following one person faces south while another faces north?
A B - F
B D - F
C A - E
D G - I
E All of the above

Correct option is : A

43.What is the position of H with respect to A?

A Both are in different rows
B Third to the left
C Second to the right
D Third to the right
E None of these

Correct option is : D

44.Four of the following _ve are alike in a certain way and thus form a group. Which of the following does not belong to the group?
A C

B E
C B
D H
E J

Correct option is : E

45. Who sits second to the right of B?
A C
B E
C A
D H
E None of these

Correct option is : B

Solution:
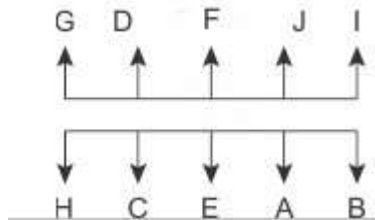
Directions (46-50): Study the following carefully and answer the questions given below.
Twelve friends are sitting in two parallel lines. There are 6 people in each row and sitting facing a person of other
row. In row 1, A, B, C, D, E and F are seated and all of them are facing south. In row 2, P, Q, R, S, T and O are seated and all of them are facing north, but not necessarily in the same order. Each of them knows different
Indian languages , viz Hindi, Bengali, Malayalam, Odia, Assamese, Bhojpuri, Marathi, Telugu, Haryanvi, Gujarati,
Punjabi and Tamil, but not necessarily in the same order.
C, who knows Assamese, sits third to the left of B. C is not an immediate neighbour of either E or A. P, who
knows Punjabi, sits third to the right of S. Neither P nor S sits at the extreme ends of any row. E, who knows
Hindi, faces the one who knows Telugu. F, who knows Malayalam, faces O, who sits second to the left of T and

does not know Odia . T is not an immediate neighbour of S. Only two people sit between Q and T, who know
Tamil and Haryanvi respectively. D, knows neither Bengali nor Odia who sits on the immediate right of the person
who knows Assamese. A, who knows Bhojpuri, does not face R. The one who knows Gujarati sits second to the
left of the person who faces the one who knows Malayalam.

46.Who knows Telugu language?
a. S
b. R
c. P
d. Q
e.None of these
correct option is : B

47.A is related to Q and Malayalam is related to Punjabi in a certain way. In the same way Hindi is related to
a. Bengali
b. Telugu
c. Tamil
d. Odia
e. Gujarati

correct option is : E

48. Who is facing the one who is sitting second to the left of the one who likes Bengali?
a. The one who knows Assamese
b. B
c. D
d. The one who likes Bhojpuri
e.None of the above
correct option is : D

49.B likes which language?
a. Malayalam

b. Odia
c. Tamil
d. Haryanvi
e. None of the above

correct option is : B

50. Which of the following pairs is sitting at the extreme ends?
a. E, A

b. C, S
c. P, E
d. R, C
e. None of the above

correct option is : D

Solution:

Hindi	Bhojpuri	Odia	Malayalam	Marathi	Assamese	
E	A	B	F	D	C	⇓

R	S	Q	O	P	T	⇑
Telugu	Gujarati	Tamil	Bengali	Punjabi	Haryanvi	
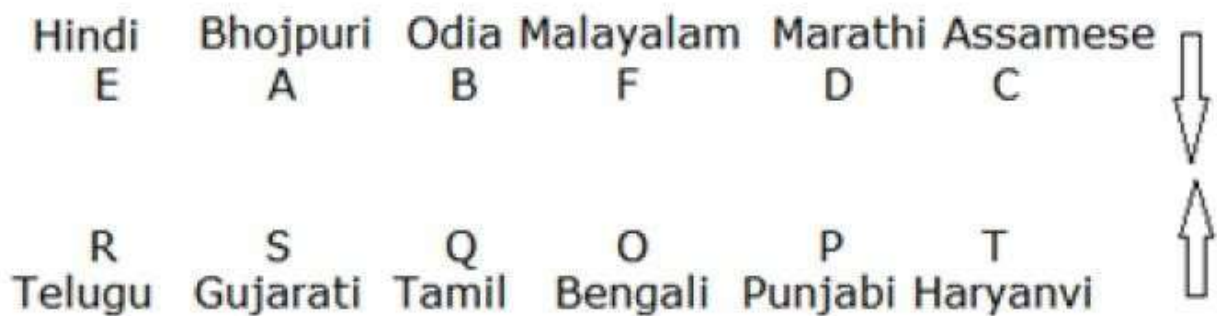
Type V : SINGLE LINE

Directions (1 – 5): Study the following information answer the given questions:
P, Q, R, S, T, V and W are sitting in a straight line facing north but not necessarily in the
same order. R sits third to the left of W. Neither R nor W sits at extreme ends of the line.

Only one person sits between R and T. S is not an immediate neighbour of either R or W. Two people sit between T and P. Q is an immediate neighbour of S.

1. Who amongst the following sits exactly between R and T ?
a) P
b) Q
c) V
d) S
e)None of these
Correct option is : C

2. How many persons are sitting between P and W ?

a) One
b) Two
c) Three
d) Four
e)More than four
Correct option is : C

3. What is the position of T with respect to Q ?
a) Third to the left
b) Fourth to the right
c) Second to the right

d) Second to the left
e)Immediate left
Correct option is : D

4. Which of the following pairs represents persons sitting at two extreme ends of the line ?
a) S, V
b) P, S
c) T, V
d) P, Q
e) P, T

Correct option is : B

5. Which of the following is true with respect to the given arrangement ?
a) Two people sit to the left of R
b) S sits to the immediate left of Q

c) W and V sit between T and P
d) Only one person sits to the right of S
e) None is true

Correct option is : E

∧ (Facing north)	P	R	V	T	W	Q	S

Directions(6 to 10): Study the following information carefully and answer the questions given beside:

Eight persons- A, B, C, D, P, Q, R and S are sitting in a row in which some of them are facing north while some of them are facing south. Only 3 persons sit to the left of R. 3 persons sit between R and Q. B is 2nd to the left of Q. More than 2 people's sits between B and S, D is 2nd to the left of S. Neighbours of R are facing south. Neighbours of P face the same direction. C is 2nd to the right of A. A and P face opposite directions and similarly B and Q face opposite directions too.

6. How many person(s) sits to left of P?

A. 1

B. 2

C. 3

D. 4

E.Can't be determined

Correct option is : A

7. Who among the following is third to the right of B?

A. R

B. C

C. D

D. A

E. Can't be determined

Correct option is : C

8. Which of the following combinations correctly show the neighbour(s) of D?

A. S

B. R, C

C. Q

D. P, R

E.Can't be determined

Correct option is : D

9. Who among the following sits at the extreme left end of the row?

A. R

B.S

C. Q

D. A

E. Can't be determined

Correct option is : B

10. How many person(s) sits between D and A?

A.1

B. 2

C. 3

D. 4

E.Can't be determined

Correct option is : C

Solution:

S P D R C B A Q

Directions (11 to 15): Read the given information carefully and answer the questions given beside:

Nine persons – Chaya, Dimple, Beena, Ajit, Jaya, Fatima, Gagan, Hemant and Kaushal – are sitting in a straight line facing north, but not necessarily in the same order.

Beena is fourth to the left of Gagan; Fatima is fourth to the right of Chaya and second to the left of Kaushal, who is fifth to the right of Ajit. Dimple is not an immediate neighbour of either Kaushal or Beena. There are only three persons between Jaya and Ajit. Gagan is second to the right of Chaya.

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

A. Jaya, Kaushal, Beena

B. Chaya, Hemant, Beena

C. Ajit, Gagan, Chaya

D. Fatima, Gagan, Dimple

E. None of these

Correct option is : D

12. Who among the following sits third to the right of Hemant?

A. Gagan

B. Dimple

C. Jaya

D. Beena

E.None of these

Correct option is : A

13. Who among the following sits third to the left of Jaya?

A. Kaushal

B. Gagan

C. Dimple

D. Beena

E. None of these

Correct option is : B

14. Who among the following sit at the extreme ends of the line?

A. Ajit, Dimple

B. Hemant, Jaya

C. Kaushal, Beena

D. Chaya, Kaushal

E.None of these

 Correct option is : C

15. If Kaushal and Hemant exchange their places, then who among the following sits on the immediate right of Kaushal?

A. Chaya

B. Beena

C. Jaya

D. Ajit

E. None of these

Correct option is : A

Solution:

Beena   Hemant   Chaya   Ajit   Gagan   Dimple   Fatima   Jaya   Kaushal

DIRECTIONS(16 to 20): Study the given information and answer the following questions.
Seven Persons are sitting in a straight line. Four of them are facing north and the remaining three persons are facing south. They also like different colors Red, Green, Blue, Orange, Yellow, White, and Black but not necessarily in same order. Those seven people are also sitting in alphabetical order.Person who likes Yellow sits second to the right of P.
One who likes Blue sits second to the right of Q. The person who likes Green faces north. The person who likes Orange sits to the immediate right of the person who likes Green. S and Q face opposite direction (i.e., if one faces north other faces south). Neither P nor Q likes Orange. The person who likes Red sits third to the right of the person who likes Black. Persons who like Black and Red face same direction. Both the neighbors of P face opposite direction of P (i.e., if P faces north they face south and vice versa). Two persons sit between R and White.

16. Who among the following is not sitting in the row?
A. M
B. N
C. O
D. T
E.Cannot be determined
Correct option is : D

17. Who among the following is facing south?

A. N

B. O

C. Q

D. R

E. M

Correct option is : E

18. Which one of the following given color does P like?

A. White

B. Yellow

C. Red

D. Orange

E. Black

Correct option is : E

19. If Red is related to O, White is related to Q, Then Black is related to whom?

A. P

B.Q

C. R

D. S

E.None of these

Correct option is : C

20. Which of the following combination is true?

A. R – Yellow

B. M – White

C. Q – Orange

D. N – Red

E. S – Blue

Correct option is : E
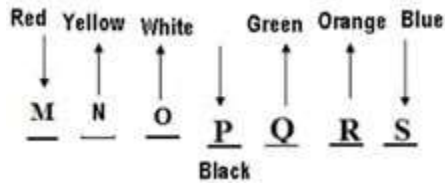
Solution :

Red Yellow White   Green Orange Blue

↓   ↑   ↑   ↑   ↑   ↑   ↓

M   N   O   P   Q   R   S

Black

Directions(21 to 25): Study the following information carefully and answer the questions given below.

Eight persons - Monu, Nitish, Ompuri, Prakash, Dinesh, Rohit, Sachin and Tarak are sitting in a straight line equidistant from each other (but not necessarily in the same order). Some of them are facing south while some are facing north (facing the same direction means, if one is facing north then the other is also facing north and vice versa. Facing the opposite directions means if one is facing north then the other is facing south and vice versa). Ompuri sits at one of the extreme ends of the line. Monu sits third to the left of Ompuri, who is facing the opposite direction of Monu. Prakash is not an immediate neighbour of Ompuri. Sachin sits third to the right of Monu. Nitish sits on the immediate right of Sachin. Nitish does not sit at any of the extreme ends of the line. Only one person sits between Rohit and Prakash. Sachin sits second to the left of Rohit. Tarak faces south, Ompuri and Tarak face the opposite directions. Dinesh sits second to the right of Nitish. Both the immediate neighbours of Sachin faces the same direction. Both the immediate neighbours of Monu face the opposite directions. Dinesh faces the same directions as Nitish.

 21 How many people sit between Tarak and Nitish?

A. One

B. Three

C. Five

D. Two

E. None

Correct option is : B

22. Four of the following five are alike in a certain way and so form a group. Which of the following does not belong to the group?

A. Nitish and Monu

B. Dinesh and Nitish

C. Sachin and Rohit

D. Prakash and Ompuri

E.Monu and Tarak

Correct option is : D

23. Who amongst the following sits second to the right of Rohit?

A. Ompuri

B. Prakash

C. Dinesh

D. Sachin

E. Nitish

Correct option is : B

24. How many people in the given arrangement are facing south?

A. 3

B. 4

C. 5

D. 6

E. 2

Correct option is : C

25. Which of the following is true with respect to the given information?

A. Sachin sits at one of the extreme ends of the line

B. Monu faces north

C. Nitish sits exactly between Monu and Rohit

D. Nitish sits third to the right of Dinesh

E.Monu sits second to the left of Nitish

Correct option is : E
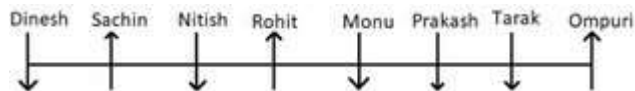
Solution:

DIRECTIONS (26 to 30): Study the following information carefully and answer the given questions.(i)Eleven students A, B, C, D, E, F, G, H, I, J and K are sitting in the first row of a class facing the teacher.(ii)D, who is on the immediate left of F, is second to the right of C.(iii)A is second to the right of E, who is at one of the ends.(iv)J is the immediate neighbour of A and B and third to the left of G.(v)H is on the immediate left of D and third to the right of I.

26. Who is sitting exactly between E and H?

A. J
B. B
C.I
D.G
E. None of these
Correct option is : B

27. Which of the following statements is not true in the context of the above seating arrangements?

A.There are seven students sitting between K and D
B. G is the immediate neighbour of I and C
C. H is the immediate neigbbour of D and F
D. K is between E and A
E.F is third to the right of C
Correct option is : C

28. To obtain the respective seats of all the persons, which clue given above is superfluous?

A. Clue I
B. Clue II
C. Clue III
D. Clue IV or Clue V
E.None of these
Correct option is : E

29. Besides E, who among the following is at the extreme end?

A. K
B. F
C. B
D. Can't say
E.None of these
Correct option is : B

30. Which of the following groups is on the left of I?

A. AJB
B. GCH
C. HDF
D. GCH
E.None of these
Correct option is : A

Solution:

```
E  K  A  J  B  I  G  C  H  D  F
●  ●  ●  ●  ●  ●  ●  ●  ●  ●  ●
1  2  3  4  5  6  7  8  9 10 11
```

Directions(31 to 35): Study the following information carefully and answer the question given below.

In a park, there are 8 swings (out of which 7 are of rainbow colours) arranged in a straight line. For the sake of simplicity, the name of the different types of swings is Tire Swing, Swing Set, Sling Swing, Full Bucket Swing, Half Bucket Swing, Horse Glider Swing, Disc Rope Swing and Flat Swings. All the swings are of different colors and their arrangement is as follows:

I. The swing on the extreme left is the same color as the middle one in the rainbow.

II. The swings with colors the same as the ends of the rainbow are never together.

III.Full Bucket Swing is a black colored swing placed in the middle of the arrangement and is not adjacent to Horse Glider Swing and the red colored swing.

IV.No two primary colors can be placed together and Disc Rope Swing is placed on the opposite to that side of Full Bucket Swing which contains more primary colors.

V.Disc Rope Swing and Horse Glider Swing are equidistant from Full Bucket Swing and the red colored swing is exactly in the middle of Full Bucket Swing and the green-coloured swing.

VI.Swings Disc Rope Swing, Full Bucket Swing and Half Bucket Swing are placed together and the violet and Indigo colored swings have at most two swings between them.

VII.Flat Swings is neither orange nor a primary coloured and Sling Swing is on the right of Full Bucket Swing. Also, Swing Set is a primary coloured swing.

VIII.The violet coloured swing is placed adjacent to the blue coloured swing and Sling Swing is on the right of Full Bucket Swing.

31. How many different positions are possible for Disc Rope swing to be placed?

A. 1

B. 2

C.3

4. 4

5. None of these

Correct option is : A

32. If there are two swings between Tire Swing and Full Bucket Swing then how many different arrangements are possible?

A. 1

B. 2

C.3

4. 4

5. None of these

Correct option is : B

33. On arranging the swings on the lines of the colours of the rainbow, the corresponding sequence of swings will be?

A. Horse Glider Swing - Half Bucket Swing - Full Bucket Swing - Swing Set - Sling Swing - Tire Swing - Disc Rope Swing

B. Horse Glider Swing - Half Bucket Swing - Flat Swings - Swing Set - Tire Swing - Sling Swing - Disc Rope Swing

C. Disc Rope Swing - Tire Swing - Tire Swing - Swing Set - Full Bucket Swing - Half Bucket Swing - Flat Swings

D. Horse Glider Swing - Half Bucket Swing - Flat Swings - Swing Set - Sling Swing - Tire Swing - Disc Rope Swing

E. Either A or B

Correct option is : D

34. If a is the number of people between Tire Swing and Sling Swing and b is the number of people between Half Bucket Swing and Sling Swing then what will be a + b?

A. 4

B. 7

C. 5

D. 8

E. Either A or D

Correct option is : E

35. If the primary coloured swings are shuffled and rearranged amongst each other than how many total arrangements are possible?

A. 10

B. 11

C. 12

D. 5

E. 6

Correct option is : C

Solution:
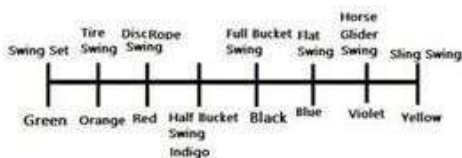
Case I: Case II :
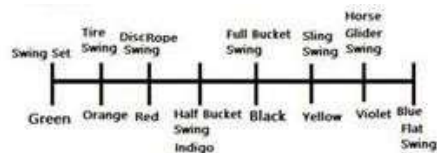
DIRECTIONS (36 to 40): These questions are based on the following information.
Eight persons A, B, C, D, E, F, G and H are sitting in a row facing North. Only two persons are sitting to the left of D. A is adjacent to G and F. E is at one of the ends and three persons are sitting between him and G.

36. If there are three persons between B and H, then who is sitting to the left of D?

A. B
B. H
C. C

D. Cannot be determined

E. None of these

Correct option is : C

37.It C is at one of the ends and B is adjacent to D, then how many persons are sitting between C and H?

A. Three

B. Zero

C. Five

D. Cannot be determined

E.None of these

Correct option is : D

38.If C is adjacent to G and H is at one of the ends, then who is third to the left of G?

A. B

B. D

C. C

D. Cannot be determined

E.None of these

Correct option is : A

39. How many person(s) is/are sitting between D and E?

A. One

B. Four

C. Three

D. Two

E.Can't be determined

 Correct option is : E

40. What is the position of E with respect to A?

A. Fifth to the left

B. Fourth to the left

C. Fifth to the right

D. Second to the right

E. Can't be determined

Correct option is : E

Solution :

Case (i): E is at the extreme left
E _ D _ GAF _

Case (ii): E is at extreme right
_ _ DGAF _ E

Directions (41 to 45): Study the following information carefully and answer the questions given below.
Eight family members A, B, C, D, E, F, G and H are sitting in a row facing north, but not necessarily in the same
order. Four of them are males. There are three couples in the family.
E is a male and sits second to the right of G, who is wife of C. D sits second to the left of B, who is female. D is
wife of H and sits adjacent to her husband. F is daughter of H and is not between G and E. B is on the immediate
left of G and second to the left of her father – in – law. A is brother of H, who is on the immediate right of A. E
and F are siblings.

41. How many female members are there between C and H ?
a) One
b) Two
c) Three
d) Four
e) None of these

Correct option is: D

42. Who among the following sits second to the left of G ?
a) Son
b) Granddaughter
c) Daughter
d) Daughter – in – law
e) None of these

Correct option is: B

43. Who among the following sits at the extreme ends of the row?
a) A and his wife

b) E and his uncle
c) C and his daughter
d) H and his wife
e)None of these
Correct option is: B
44. What is the position of H with respect to C?
a) Third to the left
b) Fourth to the right
c) Fifth to the left
d) Sixth to the right
e) None of these

Correct option is: C

45.How is E related to C?

a) Grandson
b) Son
c) Son – in – law
d) Granddaughter
e) None of these

Correct option is: A

Solution:

A	H	D	F	B	G	C	E
(+)	(+)	(−)	(−)	(−)	(−)	(+)	(+)
↑	↑	↑	↑	↑	↑	↑	↑

Family tree

$$C(+) \Longleftrightarrow G(-)$$

$$D(-) \Leftrightarrow H(+) \qquad\qquad A(+) \Leftrightarrow B(-)$$

$$E(+) \qquad F(-)$$
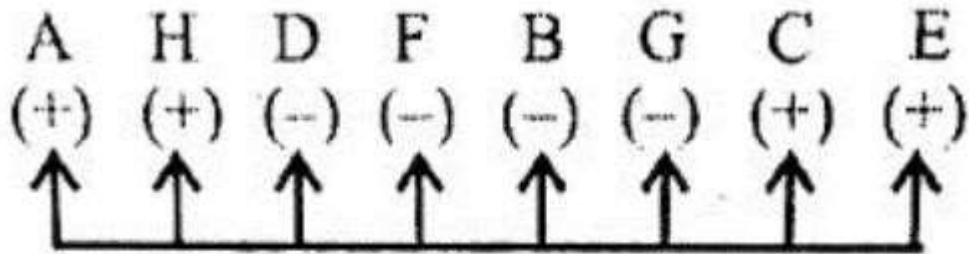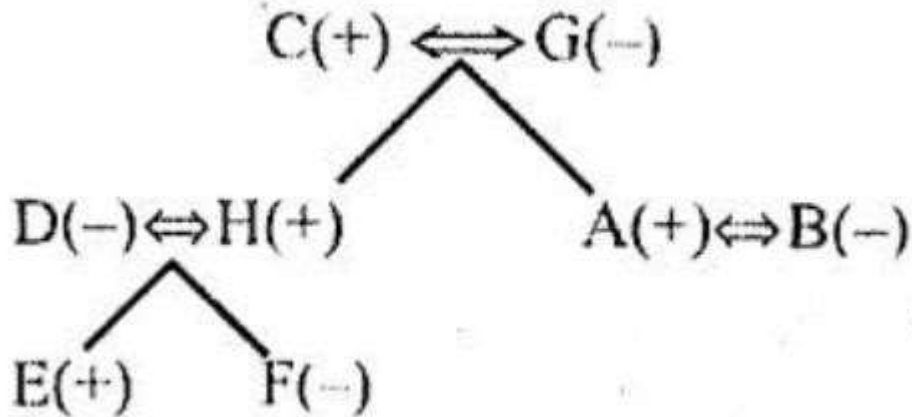
Directions(46 to 50): Read the given information carefully and answer the questions given beside:

Eight friends namely - Akansha, Babita, Cheena, Diksha, Eshan, Farhan, Gopal and Piyush are sitting in a straight line equidistant from each other (but not necessary in the same order). Some of them are facing north while some are facing south. (Note: Facing the same direction means if one is facing north then the other is also facing north and if one is facing south then the other is also facing south. Facing the opposite directions means if one is facing north then the other is facing south and vice versa.)

Farhan sits third to the right of Akansha. Farhan sits at one of the extreme ends. Eshan sits third to the left of Akansha. Both the immediate neighbours of Cheena face north. Gopal is not an immediate neighbour of Akansha. The persons sitting at the extreme ends face the same direction. Both the immediate neighbours of Akansha face the direction opposite

that of Farhan. Both the immediate neighbours of Piyush face opposite directions. Diksha is one of the immediate neighbours of Eshan and is facing north. Babita sits exactly
between Cheena and Farhan. Not more than four persons are facing north. Eshan sits on the immediate right of Diksha.

46. Who among the following sits third to the left of Gopal?
A. Diksha
B. Cheena
C. Akansha
D. Babita
E. None of these

Correct option is : B

47. Which of the following pairs are the immediate neighbours of Eshan?
A. Farhan and Diksha
B. Diksha and Piyush

C. Diksha and Gopal

D. Piyush and cheena

E.None of these

Correct option is : C

48. How many persons are sitting between Babita and Piyush?

a. Three
B. Four
C. One
D. Two
E. None of these

Correct option is : D

49. Four of the following _ve are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
A. Gopal
B. Eshan
C. Piyush

D. Cheena
E. Diksha

Correct option is : E

50. Who among the following sits fourth to the right of Cheena?
A. Gopal
B. Babita
C. Akansha
D. Eshan
E. None of these

Correct option is : D

Diksha Eshan Gopal Piyush Akansha Cheena Babita Farhan
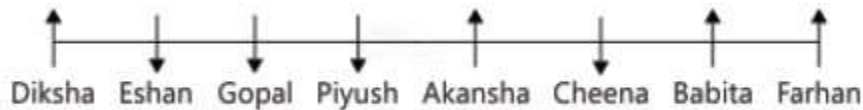
TYPE VI : SQUARE

Directions (1 to 5): Study the following information carefully and answer the given questions.
Eight friends, Meenal, Rumia, Shikha, Ali, Peter, Harleen, Ketan and Bharat are sitting around a square table in such a way that four of them sit at four corners of the square while four sits 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.
Bharat sits second to the right of Shikha. Bharat does not sit at any of the corners. Meenal sits third to the right of Peter. Peter is not an immediate neighbour of Shikha. Rumia and Ketan are immediate neighbours of each other but Rumia does not sit at any of the corners of the table. Harleen is neither an immediate neighbour of Peter nor Shikha.

1.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. Peter
B. Rumia
C. Harleen
D. Shikha
E. Bharat

Correct option is: C

2. Who sits third to the left of Ali?
A. Bharat
B. Rumia
C. Shikha
D. Peter
E. Cannot be determined

Correct option is: B

3. What is the position of Peter with respect to Meenal?
A. To immediate left
B. Second to the left
C. Third to the left
D. Third to the right
E. Second to the right

Correct option is: C

4. Who amongst the following sits second to the right of Ketan?
A. Shikha
B. Ali
C. Bharat
D. Harleen
E. Meenal

Correct option is: B

5. Who amongst the following represents the immediate neighbour of Harleen?
A. Meenal, Ketan
B. Bharat, Rumia
C. Bharat, Meenal
D. Ali, Rumia
E. Ali, Ketan

Correct option is:B

Solution:

Ali		Pet		Ket
SHik				RUM
MEE		Bharat		HARLE

Directions (6 to 10): Study the following information carefully and answer the given questions.

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 in the middle of each of the four sides. The ones who sits at the four corners face the center while those, who sits in the middle of the sides face outside. P, who faces center, sits third to the right of V. T, who faces the centre, is not an immediate neighbour of V. Only one person sits between V and W. S sits second to right of Q. Q faces the center. R is not an immediate neighbour of P.

6. Which of the following is true regarding R ?
A. R sits exactly between T and S.
B. R is an immediate neighbour of V
C. R faces the center
D. Q sits third to the left of R
E.None of these
Correct option is: A

7. Four of the following five are alike in a certain way and so form a group. Which of the one that does not belong to that group ?

A. R
B. S
C. W
D. Y
E. V
Correct option is: B

8. What is the position of T with respect to V ?
A. Second to the left
B. Third to the right
C. Fourth to the left
D. Third to the left
E.None of these
Correct option is : D

9. Who sits second to the left of Q ?
A. P
B. V
C. R
D. Y
E. None of these
Correct option is : A

10. Which of the following is true regarding R ?
A. R is an immediate neighbour of V
B. R faces the centre
C. R sits exactly between T and S
D. Q sits third to the left of R
E.None of these
Correct option is : C
Solution :
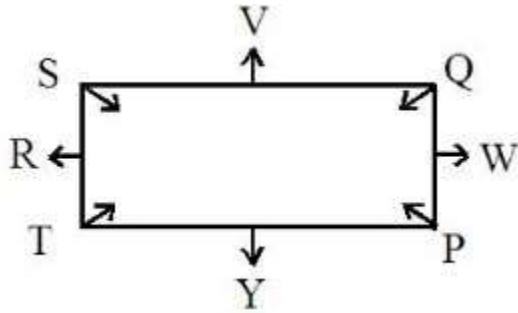
Directions(11 to 15): Study the following information carefully and answer the questions given below:

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 fore 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. Two females sit in the middle of the sides and two at the corners. A sits second to the left of G. G sits in the middle of one of the sides. C sits fourth to the right of his wife and his wife is not an immediate neighbour of A or G. B sits third to right of her husband. B does not sit at any of the corners. Only D sits between B and H. H is husband of A. E is a male.

11. Which of the following is true with respect to given seating arrangement?
A. No two males are immediate neighbours of each other.
B. G and H face each other in the seating arrangement.
C. A sits in the centre of one of the sides of the square table.
D. F is a male and sits diagonally opposite to E.
E.E and D are immediate neighbours of each other.
Correct option is : C

12. Who amongst the following is B's husband?
A. C
B. G
C. F
D. E
E.Cannot be determined
Correct option is : D

13. How many people sit between B and C when counted in anti- clock wise direction from B ?

A. None
B. One
C. Two
D. Three
E. Four
Correct option is : C

14. Who amongst the following is the wife of C?
A. D
B. F
C. B
D. G
E.Cannot be determined
Correct option is : A

15. What is the position of E with respect to C?
A. Immediately to the right
B. Second to the left
C. Third to the right
D. Immediately to the left
E. Second to the right
Correct option is : E
Solution:
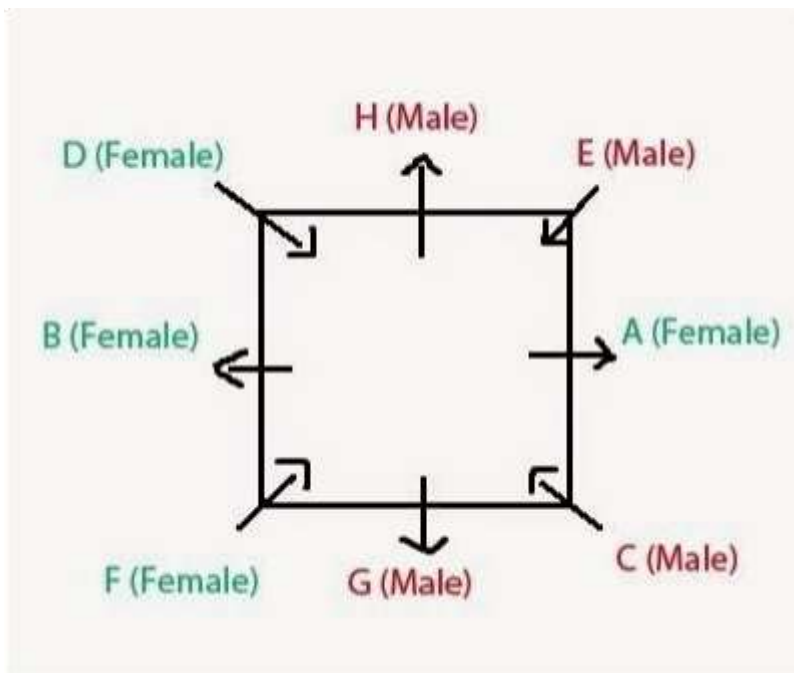
Directions(16 to 20): Read the following information carefully and answer the questions that follow:

4 males Vijay, Amit, Rohit, Saurav & 4 females Sunita, Anita, Komal, Pooja are sitting around a square table. 3 of them are facing inside & 5 of them are facing outside.

1) No two males sit adjacent to each other.

2) Vijay sits at one corner & faces outside.

3) Among females, only Pooja faces inside.

4) Sunita & Anita are the neighbors of Vijay.

5) Komal sits opposite to Anita.

6) Amit is not a neighbor of Komal and sits to the right of Anita.

7) Rohit who is facing inside is to the right of Komal.

8) The neighbors of Komal faces the opposite direction.

16. Who is sitting 3rd to the right of Pooja?
A. Rohit
B. Komal
C. Anita
D. Vijay.
E. Amit
Correct option is: D

17. Who is sitting to the immediate left of Komal?
A. Rohit
B. Saurav
C. Amit
D. Vijay
E. Komal
Correct option is: B

18. Who is sitting opposite to Vijay?
A. Amit
B. Rohit
C. Saurav
D. Komal
E. Pooja
Correct option is: C

19. Who is sitting to the immediate right of Vijay?
A. Anita
B. Sunita
C. Pooja
D. Rohit
E.Cannot be determined
Correct option is : A

20. Who is sitting to the immediate left of Pooja?
A. Amit
B. Rohit
C. Saurav
D. Vijay
E. Komal
Correct option is: C
Solution:
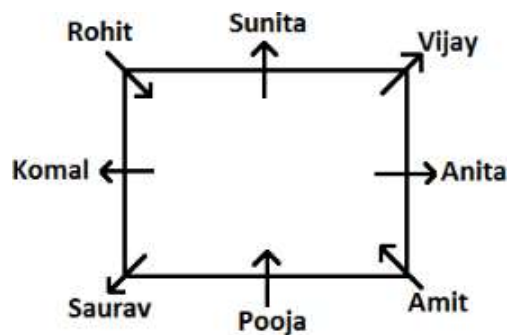
Directions (21-25): Study the following information carefully and answer the given questions.

Eight persons Nainika, Virat, Vani, Vaibhav, Nakul, Viji, Namith and Nareshare sitting around a square table, four of them facing towards centre while four of them facing outside but not necessarily in the same order. Vaibhav sits fourth to right of Naresh. Vani is sitting immediate right of Vaibhav. Only one person sits between Namith and Vaibhav and both are facing same directions. Namith sits fourth to the right of Viji, whodoesn't sits in middle of the table. Viji is not a neighbour of Naresh and faces towards the centre. Vani sits adjacent to Namith, who faces

opposite direction of Vani. Nakul is to the immediate left of Vaibhav. Virat faces opposite direction of Vani and sits second to the left of Vani. Nakul is sitting second to left of Nainika, who faces same direction as Viji.

21. Who among the following persons faces the centre of the table?

A. Naresh

B. Virat

C. Nakul

D. Vaibhav

E.None of these

Correct option is: A

22. Who is sitting immediate right of Naresh?

A. Nainika

B. Virat

C. Vani

D. Nakul

E.None of these

Correct option is: B

23. Four of the following five are form a group in some way, find out the odd one?

A. Nainika

B. Vani

C. Viji

D. Nakul

E. Virat

Correct option is: C

24. Vani is related to Nakul and in the same way Naresh is related to Namith then which of the following is related to Viji?

A. Vaibhav

B. Naresh

C. Both Vaibhav and Naresh

D. Either Vaibhav or Naresh

E.None of these

Correct option is: E

25. Which of the following statement is/ are true?

A. Vani is facing outside the centre

B. Virat is facing towards the centre

C. Nareh is facing same direction as Vaibhav

D. Viji is sitting immediate right of Nainika

E.None is true

Correct option is: E
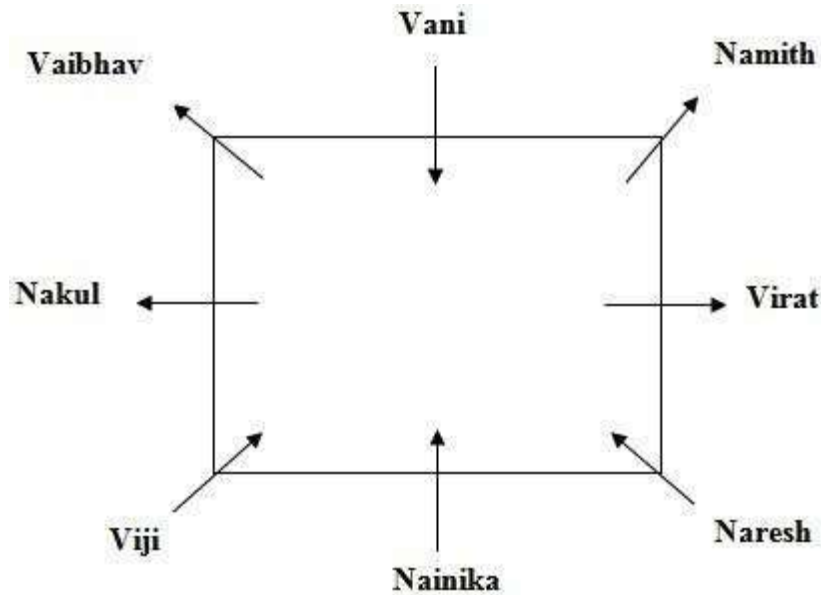
Solution:

Vani

Vaibhav

Namith

Nakul

Virat

Viji

Naresh

Nainika

Directions (26-30): Study the following information carefully and answer the questions below.

Eight persons P, Q, R, S, T, U, V and W are sitting around a square table facing the center. There is one person along each side and one person on each of the corners. The persons sitting along the sides like Bowlers - Bhuvi, Shami, Jadeja and Bumrah. The persons sitting at the corners like batsman – Sharma, Kholi, Dawan and Dhoni. P sits third to the left of the one who like Dhoni. T like Bumrah and sits to the immediate right of U who doesn't like Dhoni. V sits opposite to the one who like Bhuvi. S sits to the immediate left of Q. The one who like Shami sits immediate right of the one who like Dawan. V is an immediate neighbor of the one who like Kholi. W sits second to the right of R.

26. Which among the following pair sitting middle of the table?

A. S, T

B. V, U

C. R, P

D. W, S

E. None of these.

Correct option is: A

27. What is the position of the One who like Kholi with respect to S?

A Second to the right.

B. Fourth to the right.

C. Third to the right.

D. Third to the left.

E.None of these.

Correct option is: C

28. How many persons are sitting between U and the one who like Bhuvi, when counted from left of Bhuvi?

A. 1

B. 3

C. 2

D. 0

E.None of these.

Correct option is: C

29. Which of the following odd out of rest?

A. R

B. U

C. Q

D. W

E. T

Correct option is: D

30. Who sits third to the right of T?

A. Q

 B. P

C. V

D. W

E.None of these.

Correct option is: D
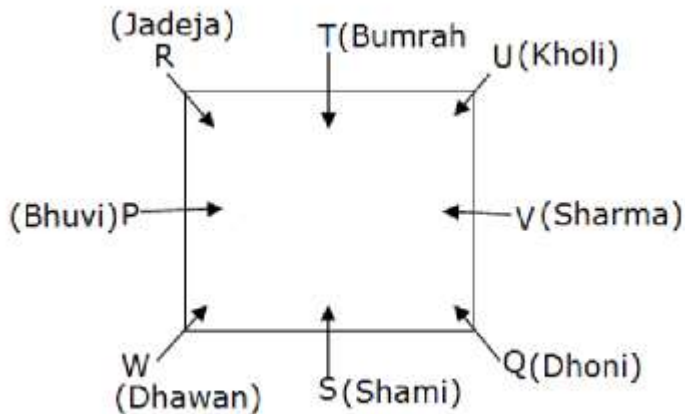
Solution:

Directions (31-35): Study the following information carefully and answer the given questions.

A, B, C, D, E, F, G and H are sitting around a square table in Maharaja Hotel in Delhi for breakfast in such a way that four of them sit at four corners of the square table while other four sit in the middle of each of the four sides of table. The one who sits at the four corners faces towards the center of the table while those who sit in the middle of the sides face outside. Each of them ordered a different food items, viz Coffee, Tea, Halwa, Kulfi, Barfi, Samosa, Jalebi and Rasmalai but not necessarily in the same order. C sits third to the left of the one who orders

Rasmalai . The one who orders Rasmalai faces outside. Only two persons sit between C and H. The one who orders Coffee sits on the immediate right of H. The one who orders Barfi sits second to the right of G. G is neither an immediate neighbour of H nor of C. G does not order Rasmalai . Only one person sits between A and the onewho orders Barfi . D sits on the immediate left of the one who orders Samosa. G does not order Samosa. E orders Jalebi. E is not an immediate neighbour of A. The one who orders Tea is an immediate neighbour of E. The one who orders Kulfi is an immediate neighbour of F.

31. What is the position of the one who orders Samosa with respect to G?

A. Second to the left

B. Third to the right

C. Fourth to the left

D. Second to the right

E.Third to the left

Correct option is: E

32. Who among the following represent the immediate neighbours of the one who orders Barfi ?

A. B, F

B. C, E

C. B, E

D. D, F

E. F, H

Correct option is: C

33. Who among the following sits exactly between H and B when counted clockwise from H?

A. C

B. The one who orders Tea

C. The one who orders Halwa.

D. G

E. A

Correct option is: E

34. Which of the following is true regarding B?

A. B is one of the immediate neighbours of D.

B. The one who orders Rasmalai is an immediate neighbour of B

C. B sits second to the left of H.

D. B orders Jalebi

E.B is an immediate neighbour of the one who orders Coffee

Correct option is: E

35. Who amongst the following sits diagonally opposite the one who orders Coffee ?

A. The one who orders Tea

B. D

C. A

D. The one who orders Halwa

E.The one who orders Kulfi

Correct option is: E
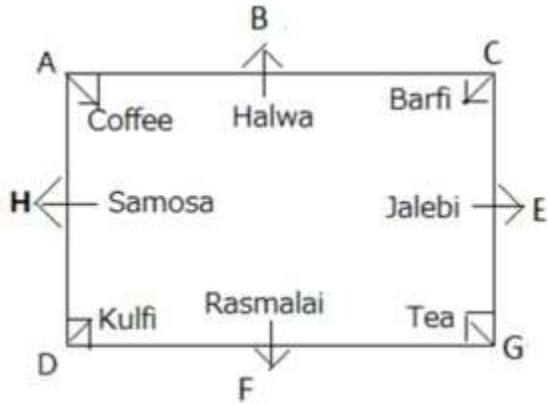
Directions (36-40): Study the following information carefully and answer the given questions.

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 in the middle of each of the four sides. The ones who sit at the four corners faces the centre while those who sit in the middle of the sides face outside.
S sits third to the right of P. P faces the centre. Y is not an immediate neighbor of P or S. T sits third to the right of R. R doesnot sit in the middle of any of the sides and also R is not an immediate neighbor of Y. Only one person sits between P and V. Q is not an immediate neighbor of V.

36. If all the persons are made to sit in alphabetical order in clockwise direction, starting from P, the positions of how many (excluding P) will remain unchanged as compared to their original seating positions?
A. None
B. One
C. Two
D. Three
E. Four
Correct option is : A

37. Which of the following is true regarding Y?

A. T is not immediate neighbor of Y
B. Y sits in the middle of one of the sides
C. R sits second to left of Y
D. P and V are immediate neighbors of Y
E.None is true
Correct option is : C

38. Who amongst the following sits fourth to the left of V?
A. Y
B. R
C. T
D. Q
E. W
Correct option is : A

39. What is the position of Q with respect to R?
A. Immediately to the left
B. Second to the left
C. Third to the left
D. Third to the right
E. Immediately to the right
Correct option is : E

40. Four of the following five are alike in a certain way and so form a group. Which is the one that doesnot belong to the group?
A. T
B. W
C. V
D. S
E. Q
Correct option is : C
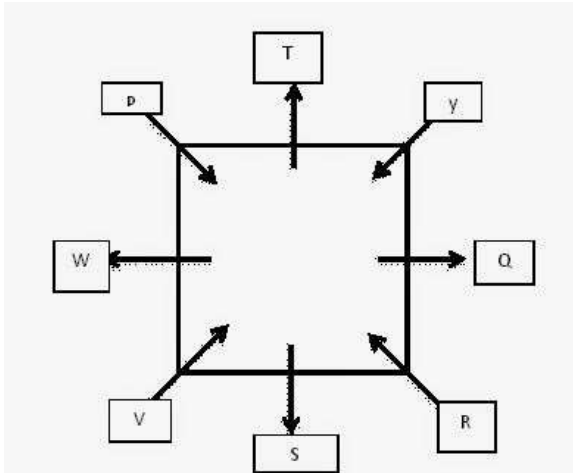
Directions (41-45) Read the following information carefully and answer the questioins that follow.

　　　Twelve friends are sitting in two squares. One square is inside another. Paras, Qurbaan, Rajat, Singh, Tom and Vinod are in the outer square facing inward. Amar, Birbal, Chinku, Deep, Eshika and Farukh are sitting in the inner square facing outward. They all are sitting in such a way that in each square four persons are sitting in the middle of the sides and two persons are sitting on diagonally opposite corners. Each friend in the inner square is facing another friend of the outer square. There are exactly two persons sitting between Paras and Tom. Eshika sits second to the left of Amar. Rajat is on the immediate left of the one who is facing Amar. Neither Eshika nor Amar faces either Tom or Paras. Singh is facing Farukh and Qurbaan is not opposite Rajat in the outer square. Tom is not sitting adjacent to Singh. Birbal is not facing Paras. Between Birbal and Deep there are as many persons as between Rajat and Vinod.

41. Who is sitting opposite Birbal?
A. Vinod
B. Qurbaan
C. Tom
D. Data inadequate
E.None of these
Correct option is : C

42. Vinod is facing which of the following persons?
A. Eshika
B. Deep
C. Amar
D. Data inadequate

E. None of these
Correct option is : A

43. Who is sitting on the immediate left of Rajat?
A. Amar
B. Singh
C. Paras
D. Data inadequate
E. None of these
Correct option is : C

44. Four of the five are alike in a certain manner. Select the one which is not similar to the other four.
A. Rajat and Eshika
B. Amar and Singh
C. Deep and Tom
D. Farukh and Qurbaan
E. Chinku and Eshika
Correct option is : E

45. Who is sitting second to the left of Deep?
A. Amar
B. Eshika
C. Farukh
D. Data inadequate
E. None of these
Correct option is : A

Solution

Tom   Qurbaan

Birbal   Amar

Vinod   Eshika   Chinku   Rajat

Farukh   Deep

Singh   Paras
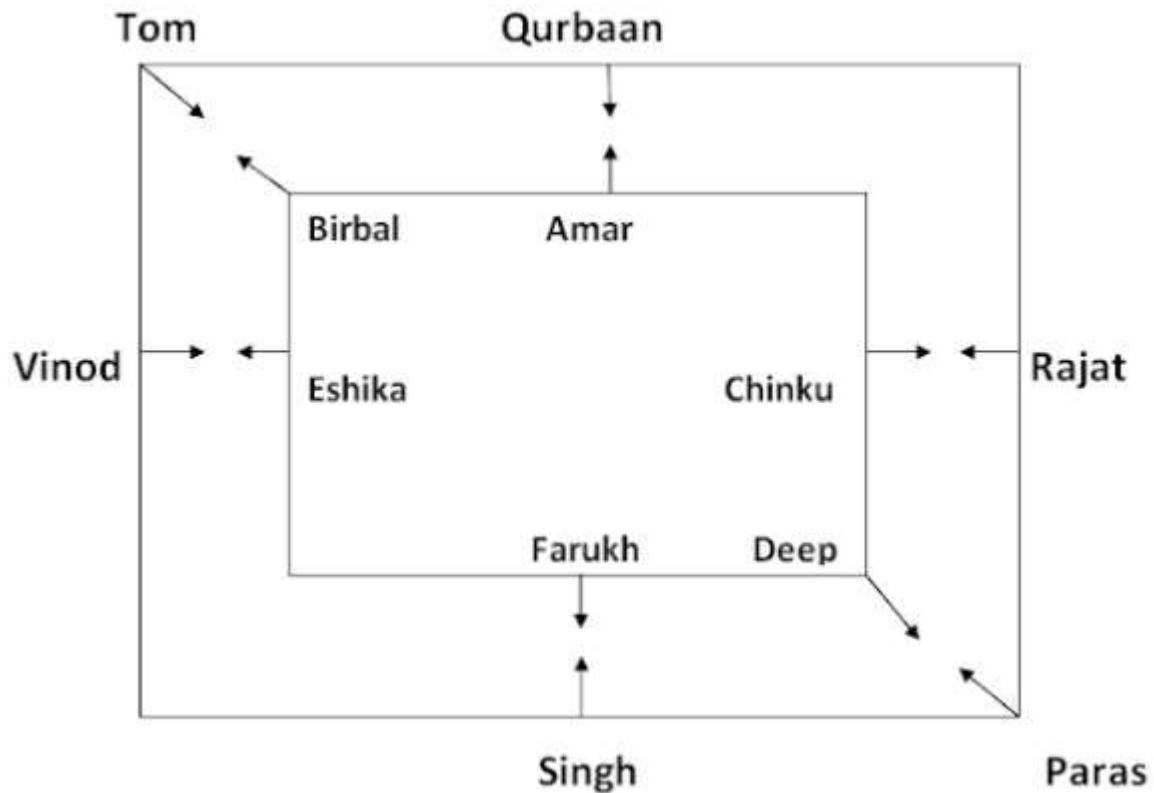
Directions (46-50) Read the following information carefully and answer the questioins that follow.

A, B, C, D,E, F, G and H are eight friends 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. Those who sit at the four corners face away from the centre while those who sit in the middle of the sides face the centre of the square table.

E sits third to the right of H, who faces the centre. F sits third to the left of A, who does not sit in the middle of the sides. Only one person sits between D and F. D is not an immediate neighbour of A. B faces the centre. G is not an immediate neighbour of D.

46. Who sits between H and F ?
A. D

B. E

C. G

D. B

E. None of these

Correct option is : C

47. Which of the following pairs represents the persons seated in the middle of the sides who face each other?

A. HD

B. BC

C. FG

D. DE

E. None of these

Correct option is : A

48. What is the position of C with respect to A ?

A. Second to the left

B. Immediate right

3.Tird to the left

C. Second to the right

E. None of these

Correct option is : D

49. Four of the following five are alike in a certain way and hence form a group. Which is the one that does not belong to that group?

A. A

B. H

C. E

D. G

E. C

Correct option is : B

50. Who among the following is an immediate neighbour of E ?

A. H

B. F

C. D

D. G

E. Both F and D

Correct option is : E

Solution :
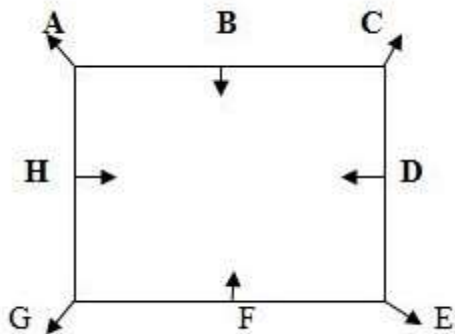
Type VII: Rectangle & Triangle

DIRECTIONS (1to 5): Study the information below to answer these questions.
Five female friends namely Tulsi, Sunanda, Nalini, Arushi and Prerna and five male friends namely Atul, Karan, Pran, Sudarshan and Tarun sat together on the two sides of a rectangular table for a quiz competition. Females sat alternativly with and opposite to male members. Sudarshan sat in a central position. Arushi sat opposite to Atul. Sunanda sat next to the right of Sudarshan and at third place from Atul. Prerna sat to, the left of Arushi at the extreme end. Nalini sat two places from Sunanda to her left and Pran sat opposite to Sunanda. Karan was seated three places from Prerna to her right.

1. Who sat opposite to Sudarshan?
A. Sunanda
B. Tulsi
C. Nalini
D. Prerna

E.None of these
Correct option is : B

2. Who sat opposite to Tarun?
A. Nalini
B. Arushi
C. Tulsi
D. Prema
E.Sunanada Correct
option is : D

3. Which pair is occupying diagonally opposite ends?
A. Tarun and Arushi
B. Tarun and Prerna
C. Tulsi and Atul
D. Arushi and Prerna
E.Atul and Nalini
Correct option is : A

4. How many persons are sit between Atul and one who face pran?
A. No one
B. 2
C. 1
D. 3
E.Can't determine
Correct option is: B

5. What is the position of Prema with respect to Tulasi?
A. Second to the left
B. Second to the right
C. Immediate right
D. Immediate left
E.None of these
Correct option is :A

Solution :

Arushi Karan Tulsi Pran Prema
Atul Nalini Sudarshan Sunanda Tarun
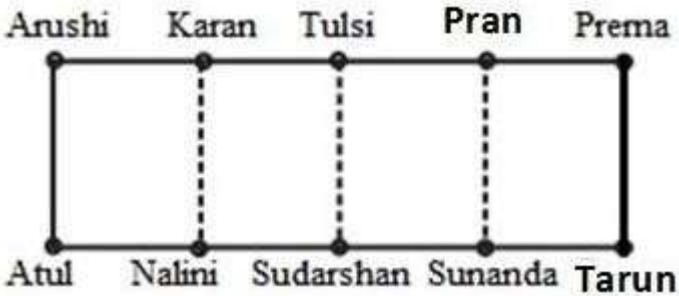
Directions (6-10): Study the information carefully and answer the questions given below.

Eight persons P, Q, R, S, T, U, V and W are sitting around a rectangular table in such a way that two persons sit on each side of the table. Some of them are facing towards the center while some of them are facing away from the center. Not more than two persons sitting together face same direction.

T sits second to the right of P. W sits second to the left of R and W is not an immediate neighbor of P. R faces T. S sits fourth to the right of W. V sits second to the right of U. W and V do not sit on the same side of the table. R sits to the immediate right of V. W faces opposite direction of S, who face inside.

6. How many persons facing inside?
A. Five
B. Two
C. Four
D. Three
E.None of these
Correct answer : A

7. Which of the following pair of persons are immediate neighbor of R?
A. U-V
B. P-U
C. Q-U
D. V-S
E.None of these
Correct answer is: A

8. How many persons are sitting between W and P, when counted right of P?
A. One
B. Four
C. Three

D. Two
E. None
Correct answer is: D

9. Which of the following statement is true about T?
A. T faces outside
B. Two persons sit between T and S, when counted right of T
C. R sits immediate left of T
D. T is immediate right of W
E.None is true
Correct answer is: D

10. Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?
A. W
B. U
C. P
D. S
E. T
Correct answer is: A
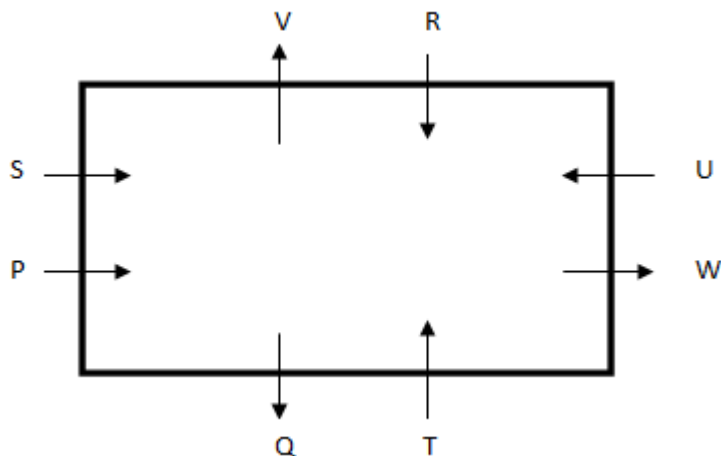
Directions (11 -15): Study the following information and answer the questions given below.
In a circus eight animals Lion, Tiger, Elephant, Horse, Deer, Monkey, Bear and Leopard from different states Bihar, Gujarat, Rajasthan, Kerala, Tamil Nadu, Maharashtra, Punjab and Haryana not necessarily in same order sitting around a

rectangular table. 3 animals are sitting on each longer side and each on the smaller sides. All animals are facing centre.
(i) Horse is sitting second to the right of the animal which is from Haryana.
(ii)Deer is sitting third to the left of the animal which is from Maharashtra.
(iii)Monkey and Bear are sitting opposite each other.
(iv) Elephant is sitting diagonally opposite the animal from Punjab.
(v) Tiger is sitting opposite the animal which is from Bihar.
(vi)The animal from Kerala is sitting second to the right of the animal from Tamil Nadu and second to the left of Lion, which is not sitting near the animal which is from Punjab.
(vii) Bear is sitting on the smaller side and to the right of the animal which is from Punjab.
(viii) Animals from Tamil Nadu and Kerala are not on the same side of the table.
(ix)The animal from Kerala is sitting third to the right of the animal from Haryana, which is not sitting diagonally opposite the animal from Gujarat.
(x) The animal from Kerala is third to the left of Elephant. Monkey sits second to the left of Leopard.
(xi) The animal from Gujarat sits opposite to the animal from Tamil Nadu.

11. Who is sitting third to the right of the animal from Maharashtra?
A. Deer
B. Animal from Tamil Nadu
C. Lion
D. Animal from Punjab
E.None of these
correct option is : D

12. From which country does Lion belong?
A. Rajasthan
B. Bihar
C. Tamil Nadu
D. Haryana
E. Gujarat
correct option is :E

13.Which of the following animal is definitely sitting diagonally opposite to Horse?
A. Lion
B. Elephant
C. Animal from Gujarat

D. Animal from Rajasthan
E. None of these
correct option is : B

14. According to the sitting arrangement what will come in place of question mark?
Horse : Kerala ::Elephant : ?
A. Maharashtra
B. Tamil Nadu
C. Rajasthan
D. Haryana
E.None of these
correct option is : A

15. Which of the following combinations is correctly matched?
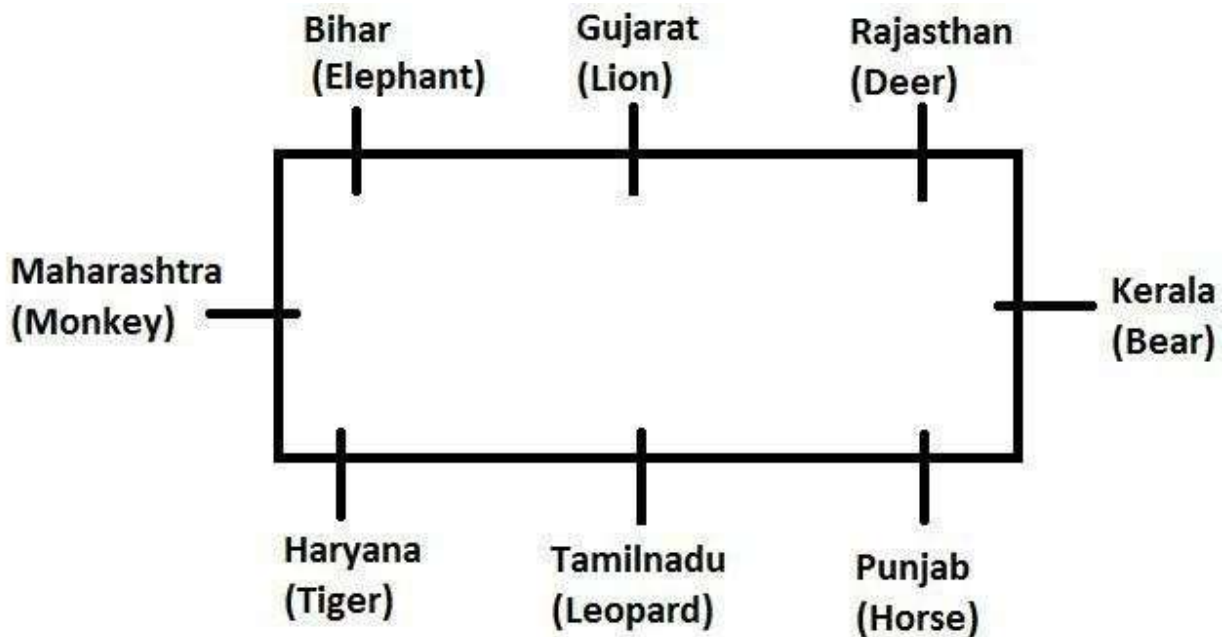A. Leopard –Haryana
B. Horse – Tamil Nadu
C. Bear – Kerala
D. Lion– Rajasthan
E.None of these
correct option is : C
solution:

DIRECTIONS(16 to 20): These questions are based on the data given below.

There are six males - Apachi, Chapachi, Epachi, Hachi, Japachi and Lathachi and six females - Banami, Danami, Funami, Gunami, Lonami and Kayami, sitting along the longer sides of a rectangular bench, on two opposite sides directly facing each other. Each longer side has six seats. No male sits either adjacent to or opposite to another male.
Also, the following information is available.
(a) Apachi is sitting diagonally opposite to Lathachi.
(b) Danami is sitting opposite to Japachi.
(c) Chapachi is not opposite to Lonami, but sits between Banami and Danami.
(d) Funami sits opposite to Lathachi and Gunami sits opposite to Apachi.
(e) Japachi sits two places to the right of Apachi.

16. Who sits to the immediate right of Japachi?
A. Lonami
B. Kayami
C. Hachi
D. Epachi
E. None of these
Correct option is : B

17. Who is sitting opposite to Banami?
A. Hachi
B. Epachi
C. Lonami
D. Cannot be determined
E. None of these

Correct option is : D

18. Who among the following is definitely sitting in the same row as Kayami?
I. Banami
II. Epachi
III. Lonami
A. Only I
B. Only I and II
C. Only III
D. Only II
E.None of these
Correct option is : C

19. Which of the following statements must be true?
A. Hachi is sitting opposite to Banami
B. Epachi is sitting next to Gunami
C. Banami is sitting next to Lathachi
D. Cannot be determined
E.None of these
Correct option is : C

20. Who is sitting opposite to Lathachi?
A. Funami
B. Hachi
C. Banami
D. Gunami
E.None of these
Correct option is : A

Solution :
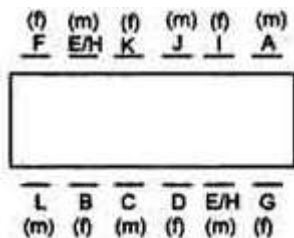
Directions (21 to 25): Read the below given information carefully and answer the question given beside:

12 people of a social group are sitting around a rectangular table. 6 are sitting at inner edge and 6 are sitting at outer edge. Out of 6 at each edge, 2 are sitting at each longer side and 1 is sitting at each shorter side. People on outer edge and inner edge are facing each other.

Vida's age is 2 years more than half of the Sasha's age and she is sitting on a longer side of the inside edge and facing north. Sara is sitting opposite to Alan who is 18 years old. Kate is sitting on a shorter side and opposite to Mark, who is facing west and 23 years old. Mario is sitting on a shorter side of inside edge and he is six

years older than Alan. Betty is on the right seat of a longer side of outer edge and she is oldest person on the table with 35 years of age. Scott is sitting on left corner of the longer side of outer edge and his age is 6 years more than half of the age of Sara. Sasha is sitting opposite to the Kay who is on the right side of the person sitting opposite to Angela. Kate is 12 years older than Scott. Difference in ages of Vida and Angela is a multiple of seven, where Angela is older than Vida.

Alan is 4 year younger than Scott and he is sitting on the longer side of outer edge. Kay and Sara both are of equal age and both are facing on the same direction. Adam is 24 years old and his age is average of ages of Scott, Vida, Sasha and Angela.

21. Who among the following is 30 years old?
A. Vida
B. Kate
C. Angela
D. Sasha
E.None of these
Correct option is: C

22. Who among the following sits opposite to one who is 16 years old?
A. Alan
B. Betty
C. Scott
D. Sasha
E. Kate
Correct option is: B

23. Find the absolute difference of the ages of Betty and Kate?
A. 5
B. 3
C. 4
D. 1
E.Either 1 or 3
Correct option is: D

24. Find the sum of the ages of Vida and Sasha?
A. 44

B. 50

C. 40

D. 45

E.Either 44 or 50

Correct option is: A

25. Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Which of the following does not belongs to that group?

A. Mark

B. Kate

C. Mario

D. Adam

E. Kay

Correct option is: E
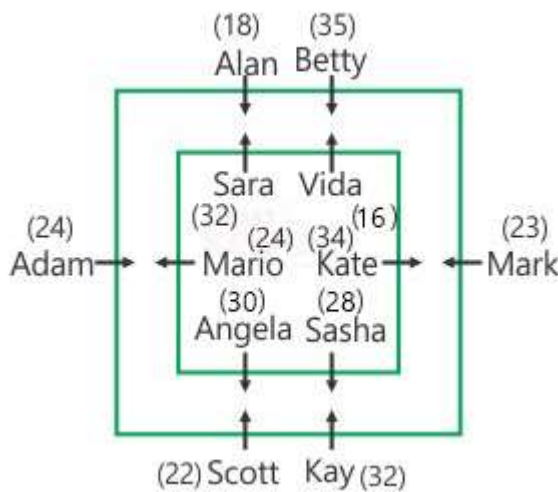
Solution :

Directions (26 - 30): Study the following information carefully and answer the questions given below.
A, B, C, D, E, F, G and H are the eight persons sitting around a rectangular table in such a way that four of them sits four corners and four of them sits along the side of the table. The person who sits corner of the table facing the center, The person who sits side of the table facing away from the center.

A sits fourth to the left of D.B sits third to the left of E. B is not the immediate neighbour of A and D. C and F are immediate neighbours. G sits third to the left of F. G does not sit any corner of the table. E is not the immediate neighbour of A.

26. Who sits diagonally opposite to E?
A. B
B. F
C. A
D. E
E.None of these.
Correct option is :E

37. Which of the following odd out of rest?
A. D
B. C
C. G
D. H
E. E
Correct option is :A

28. Which of the following statement is false?
A.Only two persons sit between F and G when counted clockwise direction from G.
B. B and F are diagonally opposite to each other.
C. A sits immediate right of C.
D. F and E are immediate neighbour
E.All are true
Correct option is :E

29. What is the position of G with respect to E?
A. G sits fourth to the right of E.
B. G sits fourth to the left of E.
C. G sits third to the right of E.
D. Both A and B
E.None of these.
Correct option is :D

30. If E and B interchange the positions then who faces E?
A. C
B. D

C. F
D. A
E. None of these
Correct option is :C
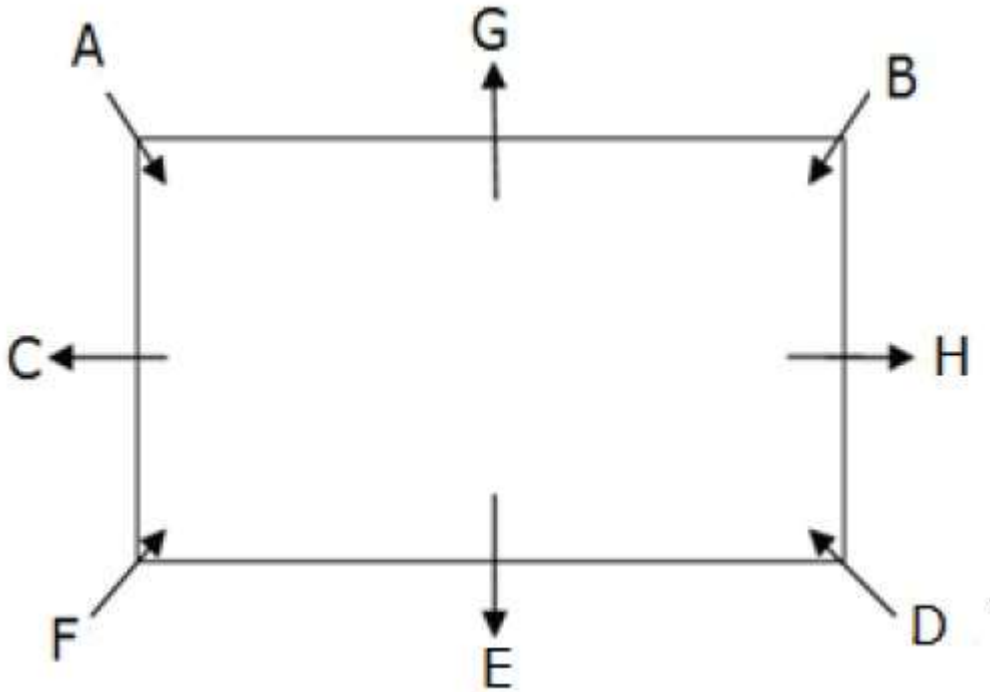
Solution:

Directions(31 to 35): Study the following information carefully and answer the questions that follow:
There are twelve seats on two equilateral concentric triangles. The seats are placed such that there are three seats on each corner and three seats on mid-points of three lines of both triangles. These seats are placed such that the persons sitting around the outer triangle will be facing inwards and the persons sitting around the inner triangle will be facing outward. Nine persons Pam, Kate, Renu, Sam, Tom, Usha, Vini, Waqar and Yash are sitting on these seats and remaining seats are vacant.
Further it is given that
1. Not more than two seats are vacant on each triangle. Also, no two vacant seats are next to each other.
2. Renu is sitting second to the right of Usha and the person sitting between them is facing a vacant seat.
3. Waqar and Yash are sitting next to each other but neither of them are immediate neighbours of Renu or Usha nor they are facing Renu or Usha.

4. Kate is sitting second to the left of Waqar and facing a vacant seat.
5. Vini is not facing outward. Also he is not sitting next to vacant seat.
6. Sam is not sitting next to Waqar and Pam is facing inward.

31. Who among the following is facing Usha?
A. Pam
B. Sam
C. Tom
D. Waqar
E.No one
Correct option: B

32. Who is sitting second to the right of Vini?
A. Pam
B. Usha
C. Renu
D. Kate
E. No one
Correct option: E

33. How many persons are sitting between Sam and Yash when counted from the left of Sam?
A. Two
B. Three
C. One
D. Can't be determined
E.None of the above
Correct option: A

34. Select the odd one out.
A. Sam – Usha
B. Usha - Yash
C. Renu – Tom
D. Pam – Yash
E. None of the above

Correct option: B

35. Select the group of people sitting next to vacant seats.
A. Usha-Waqar-Sam
B. Renu - Tom – Kate
C. Yash - Sam – Pam
D. Usha- Tom – Renu
E.None of the above
Correct option: D

Solution:
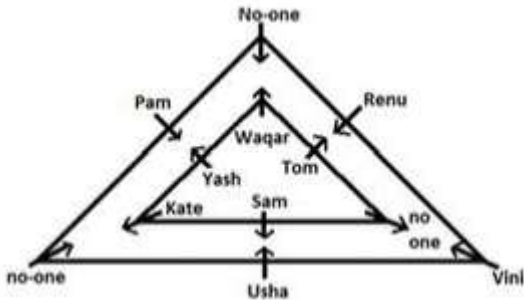
Directions (36-40):Study the following information carefully and answer the questions given below:
Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table. Four persons sit at middle of the table and they are facing the centre and four persons sit at corner side of the table and they are facing away from the centre. Each one of them were in different age viz. 19, 15, 18, 37, 21, 42, 17 and 36. Person name starts with consecutive alphabet does not sit next to each other. All the above information is not necessarily in the same order.
Two persons sit between E and the one whose age is 18. C sits second to the left of the one who sits opposite to the one whose age is 18. D sits second to the left of F. A sits second to the right of the one who is the eldest. Person those sit at corner are only in odd number age. Sum of H and E is 10 more than thrice the age of A. Sum of B and F is two less than D. Neither F nor D age is 18.

36. What is the age difference between total sum of G and E and total sum of B and C (in years)?
A. 15
B. 13

C. 10
D. 12
E.None of these
Correct option is: C

37. How many persons sit between C and the one whose age is second eldest, when counted from left of C?
A. Three
B. Two
C. Four
D. Five
E.None of these
Correct option is: B

38. If G is related to 17, C is related to 36, in the same way which of the following is related to 15?
A. G
B. H
C. D
D. B
E.None of these
Correct option is: D

39. Which of the following statement is true?
A. Three persons sit between G and the one who is second youngest
B. B and H are immediate neighbour of the one who is the second eldest
C. Sum of A and B is three less than age of H
D. All the above are true
E.None of these
Correct option is: D

40. Which of the following persons sits second to the left of fifth to the right of the one whose age is 21?
A. The one who is third eldest
B. Immediate neighbour of E
C. Second to the right of B
D. Both (b) and(c)
E.None of these
Correct option is: D
Solution :
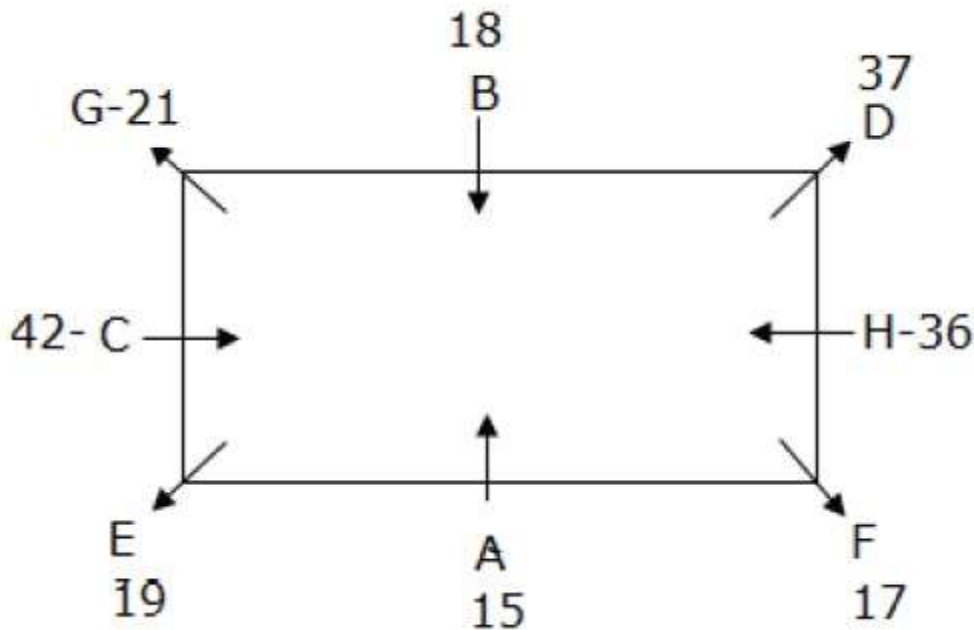
18
B

G-21

37
D

42-C →

← H-36

E
19

A
15

F
17

Directions (41- 45): Study the following information carefully and answer the questions given below.

There are nine persons P, Q, R, S, T, U, V, W and X are sitting around a triangular table, in such a way three persons sits corner of the table , remaining are sits two on each side of the table. The one who sits corner facing away from center. The one who sits side of the table facing the center.

S sits second to the right of Q. Number of persons sits between Q and R is equal to Number of persons sits between S and P.U sits fourth to the right of T. S sits one of the corner of the table. R is an immediate neighbor of S. W sits third to the left of X. V sis second to the left of X.

41. Who sits exactly between W and P when counted anti clock wise direction from W?
A. X
B. S
C. U
D. T
E.None of these.
Correct option is: D

42. P is sitting between_____?
A. T, Q
B. X, Q

C. X, U
D. X,T
E.None of these.
Correct option is: B

43. Which of the following person faces inside of the triangle?
A. V
B. T
C. W
D. Both B and C.
E.None of these.
Correct option is: D

44. Which of the following sits second to the left of V?
A. R
B. W
C. X
D. P
E.None of these.
Correct option is: C

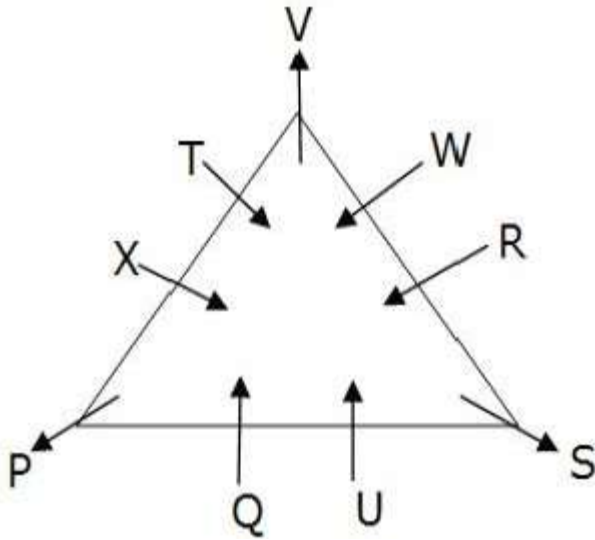45._____and_____ are the immediate neighbors of U.
A. Q, R
B. S, P
C. W, Q
D. Q, S
E.None of these
Correct option is: D

Solution:

Directions (46-50): Study the following information carefully and answer the questions given below:

Six persons-L, M, N, P, R and S are sitting around a triangular table. Three of them sit at the corner of the table and three of them are sits at the middle of the side. Three of them facing center and three of them are facing outward of the table.

N sits at corner seat and faces towards the center. Only one person sits between R and N.P and R are immediate neighbor but none of them sits at immediate seat of N. S sits second to the left of R.N sits at immediate right corner of S. L faces inside. M, who is an immediate neighbor of R sits second to the right of P.

46. Who among the following is second to the left of the L?
A. N
B. K
C. P
D. J
E.None of these
Correct option is: C

47. Who among the following faces inside?

A. L, S and N

B. R, N and L

C. L, M and N

D. Can't be determined

E.None of these

Correct option is: A

48. Who among the following sits third to the right of R?

A. M

B. L

C. J

D. P

E.None of these

Correct option is: B

49. What is the position of the M with respect to L?

A. Second to the left

B. Third to the left

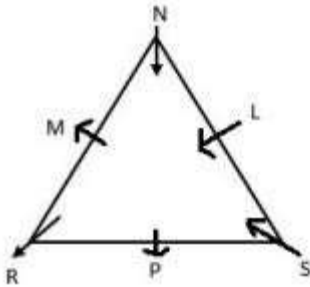C. Second to the right

D. Fifth to the right

E.None of these

Correct option is: C

50. Who are immediate neighbours of L?

A. N and M

B. S and N

C. M and P

D. P and R

E.None is true

Correct option is: B

Solution:

Type VIII - New model

Directions(1 to 5): Read the following information carefully and answer the questions given beside.

Certain number of persons sit around a square table such that nobody sits at the corner and not more than 4 persons sit around each of the sides. Information about few persons is given and all the persons face towards the centre. Only 4 persons sit between P and T, who is on the immediate left of Q. S is sixth to the right of U. R is at a gap of two persons from U, who is adjacent to T. Only one person sits between R and V, who is third to the right of S.

1. How many such persons sit around the table about whom no information is given?

A. 14

B. 7

C. 9

D. 10

E. 5

Correct option is :B

2. What is the position of R with respect to Q?

A. Immediate right

B. Fifth to the right

C. Fifth to the left

D. Immediate left

E.None of these

Correct option is : C

3. How many persons sit between S and P when counted from the left of latter?

A. 2

B. 4

C. 3

D. None

E. 6

Correct option is : C

4. ~~Four of the following five are alike in a certain way~~ and thus form a group. Which of the following does not belong to the group?

A. R- P
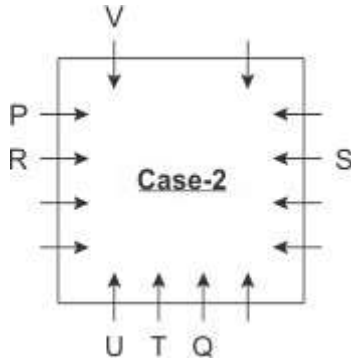
B. Q-S

C. T-U

D. P-V

E. T-Q

Correct option is : B

5.What is the position of X with respect to S, if X sits exactly in the middle of Q and S provided position of X should not overlap with anybody else?

A. Second to the left

B. X cannot be placed exactly in the middle

C. Immediate left

D. Third to the left

E.None of these

Correct option is : A

Solution:

Directions (6- 10): Study the following information carefully and answer the questions given below.

Five persons B, C, D, E and F are sitting pentagon table, and also like different colours green, pink, blue, black and violet but not necessarily in same order. All of them facing center of the table.

The one who like Green sits third to the left of E. B sits third to the left of D. C sits second to the left of the one who like violet. Two persons sit between The one who like green and The one who like blue. E does not like Blue. The one who like Pink sits second to the left of the one who like black. F and D are not immediate neighbors.

6. Who among the following does not sit adjacent to each other?

A. Green, Violet.

B. Blue, Black.

C. Green, Pink.

D. Both a and b.

E.None of these.

Correct option is: A

7. Who sits second to the left of B?

A. The one who like blue.

B. The one who like black.

C. D

D. C

E.Both a and c

Correct option is: E

8. Which of the following pair odd out of rest?

A. F, Green.

B. E, violet.

C. C, Black.

D. D, Pink.

E. None of these.

Correct option is:D

9. What is the position of green with respect to violet?

A. Second to the right.

B. Third to the left.

C. Third to the right.

D. Both a and b.

E.None of these.

Correct option is: D

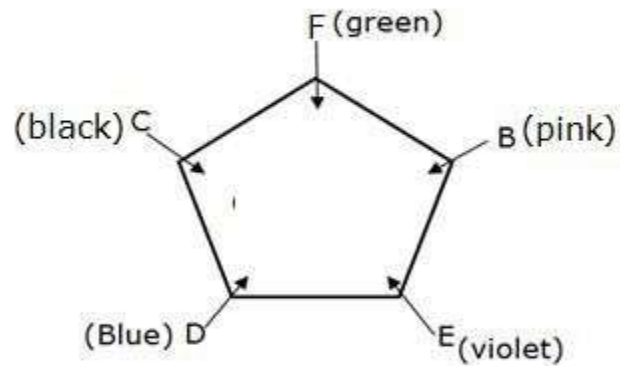10. How many persons are sit between the one who likePink and D?

A. 1

B. None

C. 3

D. Either a or b.

E. None of these.

Correct option is:A

Solution:

Direction(11 to 15).: Study the given information carefully and answer the following questions.

Certain persons are sitting around a circular table. Some are facing towards the center and some are facing outside the table. Not more than three persons faces outside.

Anurudh is to the immediate left of Dhruv, both Anurudh and Dhruv are facing the same direction. Charles is sitting fourth to the right of Anurudh. Emaan and Gaurav are immediate neighbors of each other. Neither Gaurav nor Emaan is an immediate neighbor of Charles. Emaan and Gaurav are facing opposite direction to each other (one faces inside and other faces outside or vice versa.. Only one person sits between Emaan and Charles and adjacent to them. Falit is sitting second to the right of Gaurav and second to the left of Hemant. Gaurav is facing opposite direction of Anurudh. Immediate neighbors of Hemant face opposite direction to each other. Charles faces the same direction as Gaurav.

11. What is the position of Gaurav with respect to Dhruv?
A. Second to the left
B. Third to the right
C. Second to the right
D. Fifth to the right
E. Either Second to the right or Fifth to the right
Correct option is: A

12. If Bhavesh is one of the persons, who sits opposite to Bhavesh?
A. Gaurav
B. Emaan
C. Falit
D. Charles
E. Anurudh
Correct option is: B

13. Who among the following is different?
A. Charles
B. Anurudh
C. Dhruv
D. Emaan
E. Falit

Correct option is: A

14. Which of the following pair faces outside?
A. Gaurav, Dhruv
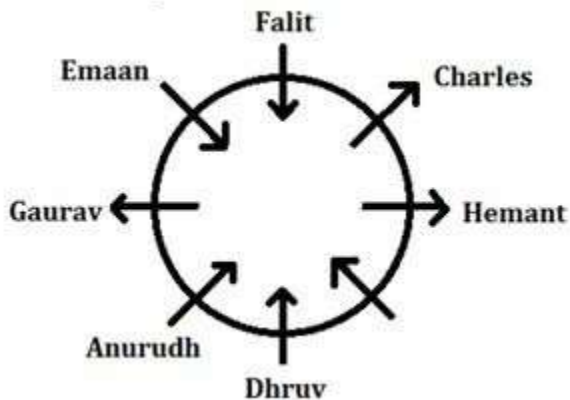B. Charles, Anurudh
C. Hemant, Emaan
D. Gaurav, Hemant
E.None of these
Correct option is: D

15. What is the position of Anurudh with respect to Hemant?
A. Third to the left
B. Third to the right
C. Second to the left
D. Fourth to the right
E. Fourth to the left
Correct option is: B
Solution:

Directions (16 to 20): Read the given information carefully and answer the questions given beside:

There are 8 mothers J to Q and 8 children R to Y are sitting on the two circular tables but not necessarily in the same order. The circular tables are such that one is small and second is large with small inside the larger one. The persons sitting on the outer circular table are facing the center and the persons sitting on the inner

circular table are facing outside the centre. So in this way, the mothers are facing the child when they are sitting on the same sides of the table. All the children are aged from 1 to 8 and all the mothers are aged from 31 to 38. No two children or two mothers are adjacent to each other in either of the circle. All the above information is not necessarily in the same order.

The one, whose age is 38 doesn't face inside the circle. L's son is neither S nor U and he is youngest among eight children. Only three people sit between T's mother and K, whose age is 34. J is the mother of the child, whose age is 3. N is older than Q and both of them ages are prime numbers. M doesn't face inside the circle and L's age is divisible by 11. N is the mother of X, whose age is 6 and sits on the immediate left of P's child. T is the daughter of O, whose age is perfect square and sits on the immediate right of V's mother. U is Younger than S and difference between the age is 2. U's mother is not M. S; who is not an immediate neighbor of L. R is the child of P and faces inside the circle. R's age is divisible by 5. Only one person sits between W's mother and Q, whose child is V, whose age is perfect cube. Three persons sit between N's child and W, whose age is half of X.

16. Who among the following pairs represent the oldest and the youngest mother respectively?
A. Only Q and N
B. Only J and P
C. Only P and Q
D. Only Q and K
E.Cannot be determined
Correct option is: C

17. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to the group?
A. R
B. S
C. Y
D. T
E. U
Correct option is: C

18. What is the sum of the ages of W's mother and O's child?

A. 36

B. 39

C. 44

D. 42

E.Cannot be determined

Correct option is: D

19. Who among the following represent the children of M and K respectively?

A. U and S

B. Y and S

C. X and Y

D. S and U

E.None of the above

Correct option is: D

20. Who among the following are the immediate neighbors of the one, whose age is 4?

A. The one, whose age is 33 and the one whose age is 35

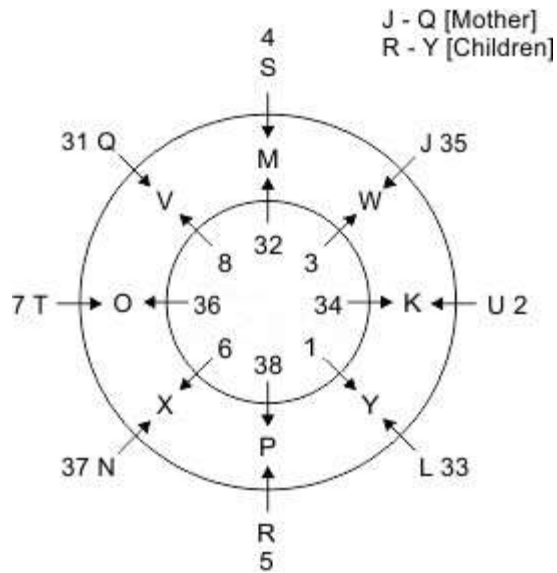B. The one, whose age is 32 and the one whose age is 37

C. The one, whose age is 31 and the one whose age is 35

D. The one, whose age is 37 and the one whose age is 38

E.None of the above

Correct option is: C

Solution:

J - Q [Mother]
R - Y [Children]

DIRECTIONS (21 to 25) : Even number of persons standing in the row facing north. A is standing 4th to the left of C, who is standing 9th to the right of D. C is standing at one of the end. B is standing exactly in the middle of A and C. K is standing to the right of D but to the left of A. K is the immediate neighbour of both F and G, who is the neighbour of D. Number of persons standing to the right of K is more than that of to his left. D is not standing at the end of the row. E is standing at the gap of 5 persons from F.

21. How many persons are standing in the row?

A. 12

B. 14

C. 18

D. 16

E.None of these

Correct option is: B

22. What is the position of E with respect to D?

A. 2nd to the left

B. 3rd to the left

C. 2nd to the right

D. 3rd to the right

E. None of these

Correct option is: B

23. How many persons are standing between C and G?
A. 5
B. 6
C. 4
D. 7
E.None of these
Correct option is: D

24. what is the position of A with respect to B?
A. 2nd to the left
B. 2nd to the right
C. 3rd to the right
D. 4th to the right
E. None of these
Correct option is: A

25. Who sits at the extreme right end of the line?
A. A
B. C
C. D
D. K
E. E
Correct option is: B
Solution:

— __E__ — — __D__ __G__ __K__ __F__ — __A__ — __B__ — __C__

Directions (26 to 30): Read the following information carefully and answer the questions given beside.

In a linear row of 8 persons from A to H, four people face towards north and four towards south. Further information is given below.

B is third to the left of C, who faces (I)_____. Only D is adjacent to C. B is on the immediate right of G, who faces north. (ii) _____ is second to the left of G and faces north. A and E are immediate neighbors, where the latter is at an extreme end. F is second to the right of B, who faces (iii)_____. Not more than two persons facing same direction are adjacent to each other. H is on the immediate right of (iv)_____. The immediate neighbors of A face (v)_____ direction.

26. Which of the following will fill the blank (ii)?
A. C
B. A
C. F
D. D.
E.None of these
Correct option is: B

27. Which of the following will fill the blank (iv)?
A. A
B. B
C. E
D. D
E. None of these
Correct option is: D

28. Which of the following will fill the blank (i)?
A. South
B. The direction opposite to the direction faced by H.
C. North
D. Both options B and C
E.Can't be determined
Correct option is: C

29. Which of the following will fill the blank (iii)?
A. The direction same as faced by C
B. The direction same as faced by D
C. The direction same as faced by D

D. North

E. None of these

Correct option is: B

30. Which of the following will fill the blank (v)?

A. South

B. North

C. The direction same as faced by C

D. The direction opposite to the direction faced by B

E.None of these

Correct option is: A

Solution

E A F G B H D C
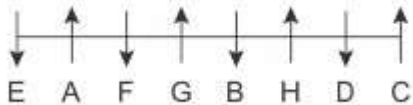
Direction (31-35): Read the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H are sitting in two circles which are named inner circle and outer circle.Four of them are sitting in the each circle, some are facing inside while some are facing outside from the centre and each one likes different colours namely, Violet, Blue, Green, Yellow, Orange, Red, Black and White but not necessary in the same order. Also that they all are sitting with equidistance in the straight row facing north. If anyone likes any one of the colours, that person will not change the colour in both arrangements. The persons who are in the inner circle sitting equidistance between each other and sits exactly opposite to the persons sitting in the outer circle.

E sits opposite to the person who sits second to the left of the one who likes Green, who sits one of the extreme ends of the row. H faces the person who likes Red in the inner circle but none of them sits opposite to E, who does not sit in the same circle of H sits. G sits third to the right of the one who likes Green in the linear row. G sits opposite to the person who sits immediate right of H in the circle and both of them faces opposite directions. A faces the one who likes Violet in the circle and both of them are does not sit in the same circle. The one who sits opposite to A in the same circle sits third to the left of the one who likes Blue. The person who likes Blue sits immediate right of G in the linear row. B likes Yellow

and does not sit opposite to the one who likes Red in the circle.In the linear row, only one person sits between G and the one who sits immediate right of G in the circle.The one who likes Red sits fourth to the right of E, who is an immediate neighbour of G in the linear row. The one who likes White sits to the immediate right of F in the circle. The one who likes Orange sits third to the left of F in the linear row.Only three persons are sitting between H and C in the linear row.A sits to the left of F in the linear row but not immediately.The persons sitting in the extreme ends in the linear row facing the same direction as A in the circle. The one who likes Yellow does not faces the same direction as D.

31. Who among the following sits second to the right of Bin the circle?
A. C
B. The one who sits opposite to D
C. G
D. The one who likes Black
E. A
correct option is : D

32.Which of the pairs represents the immediate neighbours of the one who likes White in the circle?
A. F, H
B. H, C
C. E, F
D. G, B
E. B, D
correct option is : A

33. Four of the following five are alike in a certain way and hence form a group. Which of the following one that does not belong to the group according to the circle?
A. The one who likes Blue
B. F
C. The one who likes Black
D. The one who likes Violet
E. B
correct option is : C

34. If A is related to Violet and B is related to Blue in a certain way based on the linear row. Then, G is related to which of the following?
A. Green

B. White
C. Black
D. Blue
E. Orange
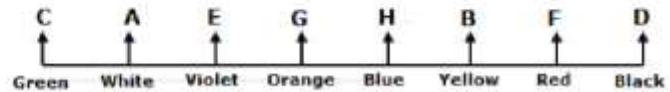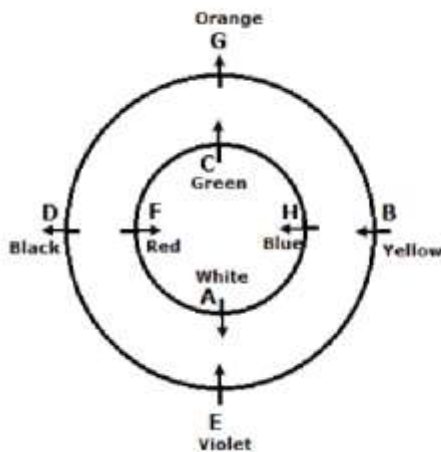correct option is : A

35. How many persons are sitting between H and the one who likes Black as per the linear row?
A. One
B. None
C. Three
D. More than three
E. Two

correct option is : E
solution :

Directions (36 to 50): Read the following information carefully and answer the questions given beside.

A definite number of persons are sitting around a circular table facing towards the center. V sits fourth to the left of Q. Q is one of the immediate neighbors of R. Only three persons sit between P and R (from one side only.. Only five persons sit between T and S when counted from the left of T. U sits second to the left of T. Only three persons sit between R and T (from one side only.. Not more than four persons sit between V and U when counted from left of U. Only six persons sit between T and Q counted from one side only. V is not an immediate neighbor of T.

36. What is the total number of persons sitting around the circular table?

A. 11
B. 8
C. 10
D. 12
E.None of these
Correct option is: C

37. What is the position of R with respect to V?
A. Third to the left
B. Seventh to the right
C. Sixth to the right
D. Seventh to the left
E.Both A and B
Correct option is: D

38. How many persons sit between P and Q, when counted from the left of former?
A. 2
B. 6
C. 4
D. 5
E. None of these
Correct option is: C

39. Four of the following five are alike in a certain way and thus form a group.
Which of the following does not belong to the group?
A. UR
B. QV
C. TV
D. PU
E. QR
Correct option is: E

40. How many persons sit between U and V?
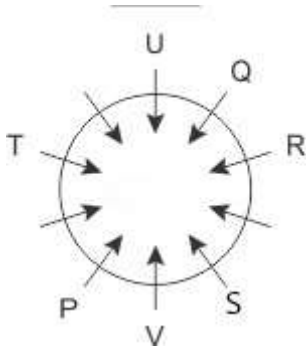A. None
B. 1
C. 2

D. 3
E. 4
Correct option is: D
Solution:

Directions (41-45): Study the following information carefully and answer the questions below.
A certain number of persons are seated in a row facing north. Three persons are sitting between B and M. M sits fifth to the left of N. S is an immediate neighbor of N. Five persons are sitting between S and J. As many persons are sit between J and M is same as to the left of B. A sits at the left end of the row. F sits seventh to the right of A. Q is the third last person seated in a row when counted from the left end and sits fourth to the right of H who sits exactly between S and J. At least two persons sits between N and H.

41. What is the position of B with respect to F?
A. Third to the right.
B. Fourth to the right.
C. Third to the left.
D. fourth to the right
E.None of these.
Correct option: D

42. Who sits second to the left of Q?
A. J
B. H
C. No one
D. S
E.None of these.
Correct option: C

43. How many known persons are sit between A and B?

A. 0
B. 1
C. 2
D. 3
E.None of these.
Correct option: B

44. Which of following statement is true according to M?
1. J and Q are immediate neighbors.
2. N and S are immediate neighbors of M.
3. B sits fourth to the right of F.
A. Only 1
B. Only 2
C. Only 1 and 3
D. All 1,2 and 3
E. None of these

Correct option: C

45. How many persons are sitting in the row?
A. 29
B. 30
C. 31
D. 32
E. 28
Correct option: C
Solution:

Directions (46 – 50): Study the following information carefully and answer the questions given below.
There are 15 persons-C, K, A, H, I, N, W, E, O, M, D, F, J ,G and B, sitting in three parallel rows containing five seats each but not necessarily in the same order. Three rows: Row1, Row2 & Row3. Row1 is immediate north of row2 and Row3 is immediate south of Row2. All are facing north.
D sits second to the left of G. One who faces G sits second to the right of F. A sits fourth to the left of H. The one who is exactly between A and H sits in front of W.

Neither D nor G sits any extreme end of the row. F and W are in different rows. M sits second to the left of J. M does not sits any extreme end of the row. B sits third to the left of C. M and F are not immediate neighbours. E sits second to the left of I. Ksits second to the left of W. W does not faces N. F and A are in different rows. H and A are not the immediate neighbours of G and D.

46. Who among the following sits same row?
A. F, H
B. K, A
C. M, J
D. C, G
E.All are seated in different row.
Correct option is: C

47. Who among the following sits extreme end of the row?
A. A, D
B. B, G
C. H, C
D. K, I
E.None of these.
Correct option is: D

48. Who sits second to the left of third to the right of the one who faces B?
A. N
B. W
C. D
D. K
E.None of these.
Correct option is: C

49. How many persons sit between B and the one who faces G?
A. 1
B. 2
C. 3
D. None
E.None of these.
Correct option is: B

50. Who sits second to the left of J?

A. D
B. M
C. A
D. F
E. None of these.
Correct option is: B
Solution :

Row-1   A   M   O   J   H

Row-2   K   D   W   G   N

Row-3   B   F   E   C   I