

PUZZLE AND SITTING

Directions (Q. 1-6): Study the following information carefully and answer the given questions.

Five persons J, K, L, M and N who live in different apartments viz; Meenakshi, Prasar kunj, Paradise, Ekta vihar and Atulya in the same area in Bangalore but not necessarily in the same order. They meet nearby park in the early morning. They are going to three different places viz; Park, Gym and Yoga class but not necessarily in the same order. They work in five different companies viz; Wipro, Accenture, Oracle, Cognizant and Cap Gemini but not necessarily in the same order. They have different types of puppy viz; Pug, Beagle, Pitbull, Boxer and Maltese but not necessarily in the same order.

(i) J does not go to the Gym where the person from Accenture is going.

(ii) The person, whose name is not J and does not live in Paradise apartment, is going to Park. He is the only person among the five who is going to Park.

(iii) L neither works in Wipro, nor does he from Prasar kunj apartment.

(iv) The person whose puppy is Pitbull is going to Gym whereas the person from Ekta vihar apartment does not go.

(v) K and the person, who is from Paradise apartment, both are going to the same place.

(vi) The person who works in Cap Gemini does not go with the person whose puppy is Beagle, who is going to Gym. The one who works in Cap Gemini does not go alone.

(vii) K is not the person whose puppy is Pitbull.

(viii) N, the person whose puppy is Pug, is going to Park.

(ix) The person who works in Oracle and the person, who is from Prasar kunj apartment, both are going to Gym. They are the only two among the five persons who are going to this place.

(x) The person, who is going to Park, is from Meenakshi apartment.

(xi) M, who does not work in Cognizant, is from Atulya apartment. He is not the person whose puppy is Boxer.

(xii) K does not work in Cap Gemini.

(xiii) The person who works in Cognizant and the person whose puppy is Maltese, both are going to Yoga classes.

(xiv) The person who is from Atulya apartment does not work in Wipro.

1. Who among the following person is going to Yoga classes?

1. K
2. The person whose puppy is pitbull
3. The one who lives in Atulya apartment
4. The one who works in oracle
5. L

2. Who among the following works in Wipro?

1. K
2. M
3. The one among them who is going to Yoga classes
4. The one whose puppy is pug
5. None of these

3. Which of the following is correct?

1. M – Maltese – Ekta vihar - Cognizant
2. L – Pug- Paradise- Wipro
3. N- Pitbull- Prasar kunj- Accenture

4. K- beagle- Atulya- Cognizant

5. None of these

4. Who among the following lives in Atulya apartment?

1. K
2. The person whose puppy is Beagle
3. The one whose puppy is Maltese
4. The one who works in oracle
5. None of these

5. Who among the following has puppy of Pitbull type?

1. K
2. L
3. M
4. N
5. None of these

6. Who among the following works in Accenture?

1. M
2. L
3. K
4. N
5. None of these

Direction (Q. 7-11): Study the following information carefully to answer the given questions:

There are eight friends i.e. P, Q, R, S, T, U, V and O are sitting around a circular table such that some are facing towards the centre and some are facing towards the away from the centre.

They earn different amounts as their monthly salary. S sits second to the left of O. The one who earns 4228 sits immediate right of O. Both S and O faces opposite direction. Only one person sits between S and V.

The following is the information provided for the given question---

A@B means the one who earns double amount than B, sits 2nd to the right of A, who faces inside.

A#B means the one who earns 1000 more than B, sits 3rd to the left of A, who faces outside.

A%B means one who earns half amount than B, sits 3rd to the right of A, who faces inside.

A\$B means one who earns 500 more than B, sits on the immediate right of A and faces outside.

A&B means the difference between the earning of B and the one who sits 4th to the left of A is less than 1500.

7. What is the monthly income of Q if the code is 'S@Q, O#V and O\$T and T sits on the immediate right of V who faces outside?

1. 2364
2. 1282
3. 1364
4. 3643
5. None of these

8. If it is given that P and U are immediate neighbors and V is not the immediate neighbor of P and U and only one person sits between P and Q and T is not the immediate neighbor of U. Q is not an immediate neighbor of V. What is the difference of salary of U and O if the code is 'S@U, R#V and T#P?

1. 7924
2. 6228
3. 1958
4. 2458
5. None of these

9. What will possibly be the salary of S if the code is 'U#R, S\$P and U&P and it is given that Only one person sits between P and T. P and U are immediate neighbours. T is not an immediate neighbour O and Q faces inside. R is not an immediate neighbor of S who is facing outside?

1. 3750
2. 8285
3. 2275
4. 6560
5. 2180

10. What is the sum of the salary of P and V if the code is 'P#V, S@T, R%Q and it is given that P is not the immediate neighbour of O and V. Only three person sits between Q and U, who is not an immediate neighbour of S and only one person sits between R and Q. R is not an immediate neighbor of O and P?

1. 14135
2. 15000
3. 14270
4. 13184
5. None of these

11. What is the monthly income of O if the code is 'S@Q, P#V and Q sits on the immediate right of O and only one person sit between P and Q. P is not an immediate neighbor of O?

1. 2364
2. 6282
3. 9456
4. 3643
5. None of these

Direction(Q. 12-16): Study the following information carefully to answer the given questions.

Eight persons are sitting in a row. Some of them are facing towards north while some are facing south. All the persons sitting in the row based on the following information—

A%B—A sits third to the left of B.

A\$B- A sits immediate left of B.

A&B—A sits forth to the right of B.

A#B—A sits second to the left of B.

A@B--Three persons sit between A and B.

A©B-Two persons sit between A and B.

AfB- A sits second to the right of B.

A*B- A sits third to the right of B.

Now the arrangement is based on following information--

Sonu & Kush, Reena%Sonu, Sumit\$Reena, Akash©Sumit, Diya#Akash, Diya@Bela, Sameer*Bela, KushfSameer, Sonu#Sumit, Sonu*Diya

*Not more than three persons are facing south direction.

Each of them is of different age. Also the age of each person is provided in coded form based on the names of the respective person.

For ex—

In coded language—

Ram Seeta Tina— 31 20 21

Ankush Kamal Divya—9 23 5

Priya Jaya Charu—17 11 24

12. Who among the following sits immediate right of Kush?

1. Akash
2. Diya
3. Bela
4. Sonu
5. None of these

13. Who among the following is the youngest?

1. Akash
2. Sameer
3. Bela
4. Diya
5. None of these

14. Which of the following combination is true?

1. Akash- 40 years
2. Bela- 39 years
3. Reena-19 years
4. Sumit- 5 years
5. Sonu- 3 years

15. Which of the following statement is correct?

1. Akash is ten years younger than Bela
2. Sameer is the eldest
3. Sumit sits at the extreme end.
4. Diya was born after the one who sits third to the right of diya.

5. II are correct

16. What is the sum of ages of those who sits at the extreme ends?

1. 35 years
2. 56 years
3. 21 years
4. 38 years
5. None of these

Direction (Q. 17-20): - Study the following information carefully and answer the question given below-

Six boxes are placed one above another. Each of the boxes is given to different persons. Also each box contains different number of items. Two boxes are kept between the boxes given to Riya and Diya. Box C is neither given to Riya nor Diya. The box which contains 20 chocolates is given neither to Riya nor Diya. The box which is given to Riya contains total 17 items. The box which is given to Ansh is placed immediately above box F. Only two boxes are placed between the box which contain 23 chocolates and the box given to Ansh. The box which contains 23 chocolates is placed above box F. Box C does not contain 23 chocolates. The boxes given to Riya and Diya is kept below the box containing 23 box. Only one box is kept between box C and the box containing 20 chocolates. Box B contain total 39 items. Only one box is placed between box B and the box given to Piya. Box E is given to Vishu. Box E does not contain 20 chocolates. Box B is placed below box given to Piya. The box which is placed immediately above box A contains 6 toffees. Box A is neither given to Ram nor to Riya. The box which is given to Piya and box B contain total 56 chocolates. The box which contains 15 toffees is placed immediately above the box which contains 25 toffees. Box D and E contain total 18 toffees. Total number of chocolates contained by box F and A is 52. Total number of items contained by the box given to Vishu is 10 less than the one given to Ram. Total number of items contain by the box given to Diya is 2 more than the number of chocolates contain by box F.

17. Which of the following box is kept immediately below E?

1. D
2. B
3. A
4. F
5. C

18. Which of the following box contain 17 items?

1. A
2. F
3. D
4. B
5. None of these

19. How many chocolates are kept in box F?

1. 20
2. 36
3. 42
4. 23
5. 14

20. How many total number of chocolates are kept in box D and A?

1. 35
2. 28
3. 24
4. 45
5. none of these

Directions(Q. 21 - 25):- Study the information carefully and answer the given questions.

means the first subject does not like the second subject.

^ means the first subject likes the second subject.

% means the first subject belongs to the second subject.

@ means the first subject does not belong to the second subject.

For example, A#(R, S) means, A neither likes R nor S.

A^(R, S) means, A either likes R or S.

Eight persons viz. A, B, C, D, E, F, G, H are from different cities viz. Chennai, Pune, Mumbai, Mysore, Hyderabad, Shimla, Bangalore, Patna but not necessarily in the same order. Each of them likes colours namely Pink, Red, White, Yellow, Green, Blue, Purple, Brown but not necessarily in the same order.

Further information is given below:

D@(Bangalore, Mumbai), F%Mysore, A^yellow, G%(Bangalore, Shimla), E^(Green, White), H@Chennai, C^Red, G#(Purple, Pink), A@(Chennai, Hyderabad), B#(Blue, Brown), C%Patna, H^Purple, D@(Hyderabad, Chennai), B%Pune, D#Brown, F^(Green, White).

21. B likes which colour?

- | | |
|-----------|----------|
| 1. Yellow | 2. Pink |
| 3. Blue | 4. Brown |
| 5. White | |

22. Who among the following belongs to Bangalore?

1. The one who likes Blue colour.
2. The person who likes Yellow colour.
3. The person who likes Brown colour.
4. Either 1 or 2
5. Cannot be determined

23. Which of the following statement(s) is /are true?

1. The person who likes Pink colour belongs to Pune.
2. The one who is from Shimla is D.
3. F is from Bangalore
4. Both 1 and 2
5. All are true.

24. The person who likes Yellow colour belongs to which city?

- | | |
|-----------|--------------|
| 1. Pune | 2. Hyderabad |
| 3. Patna | 4. Shimla |
| 5. Mumbai | |

25. Who likes Green colour?

- | | |
|------------------|------|
| 1. F | 2. D |
| 3. E | 4. B |
| 5. Either 1 or 3 | |

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

Some persons are sitting in a circular manner facing the centre. The distance between them varies in increasing order in anti-clockwise direction as per the Fibonacci series except the pair of the minimum and the maximum distances. (In Fibonacci series each term is the sum of the preceding two terms) The first two distances given are 3 units and 5 units. Also each person lives in a bungalow of different areas. Some of the areas given are 15, 17 and 19 m².

Further it is given that

1. Distance between M and T is 21 units and one of them lives in a bungalow of 16 m² area.
2. Q is sitting second to the left of T but he is not sitting next to M.
3. For the given circular arrangement, distance of Q from one of his immediate neighbours is the maximum among pair of neighbours.
4. M and the person who lives in a bungalow of area 19 m² is sitting opposite to each other.
5. The sum of the areas of the bungalows of Q and his both neighbours is 62 m².
6. L is sitting third to the right of P but neither of them are sitting next to M. The bungalow of T is greater in area than the bungalow of P. Also, the difference between the areas of bungalows of P and L is 3 m².

7. U and S are sitting next to each other and the person who lives in the bungalow of area 17 m² is sitting second to the left of U.

8. The sum of areas of the bungalows of the persons with perfect square distance is equal to the sum of areas of P and Q.

9. D is not sitting next to M

26. What is the distance between T and the person sitting second to the left of him?

- | | |
|-------|-------|
| 1. 8 | 2. 34 |
| 3. 13 | 4. 21 |
| 5. 55 | |

27. What is the area of the bungalow in which P lives?

- | | |
|----------------------|----------------------|
| 1. 16 m ² | 2. 22 m ² |
| 3. 19 m ² | 4. 28 m ² |
| 5. None of the above | |

28. Who among the following are immediate neighbours of L?

- | | |
|------------|------------|
| 1. Q and D | 2. Q and U |
| 3. T and D | 4. Q and S |
| 5. P and M | |

29. Distance between which two neighbours is the maximum for the given arrangement?

- | | |
|----------------------|------------|
| 1. D and T | 2. U and S |
| 3. L and Q | 4. S and L |
| 5. None of the above | |

30. Who is sitting fourth to the left of D?

- | | |
|------------------------|------|
| 1. P | 2. U |
| 3. S | 4. L |
| 5. Can't be determined | |

ANSWER KEY

1. (3)	2. (4)	3. (5)	4. (3)	5. (2)	6. (3)	7. (3)	8. (3)	9. (1)	10. (4)
11. (3)	12. (2)	13. (3)	14. (3)	15. (4)	16. (4)	17. (3)	18. (3)	19. (3)	20. (3)
21. (2)	22. (3)	23. (4)	24. (5)	25. (5)	26. (1)	27. (2)	28. (4)	29. (3)	30. (2)