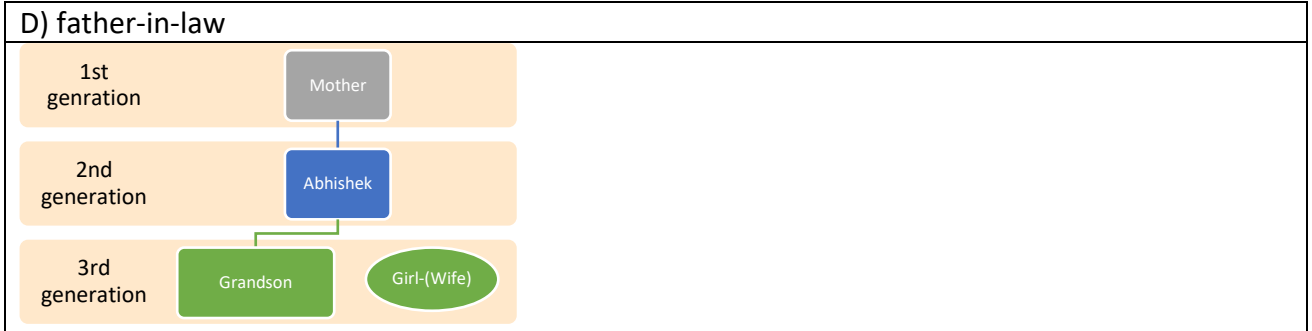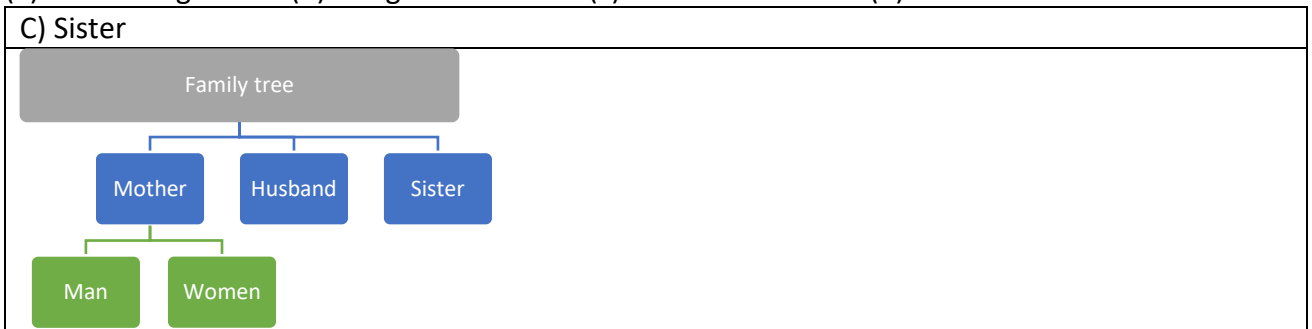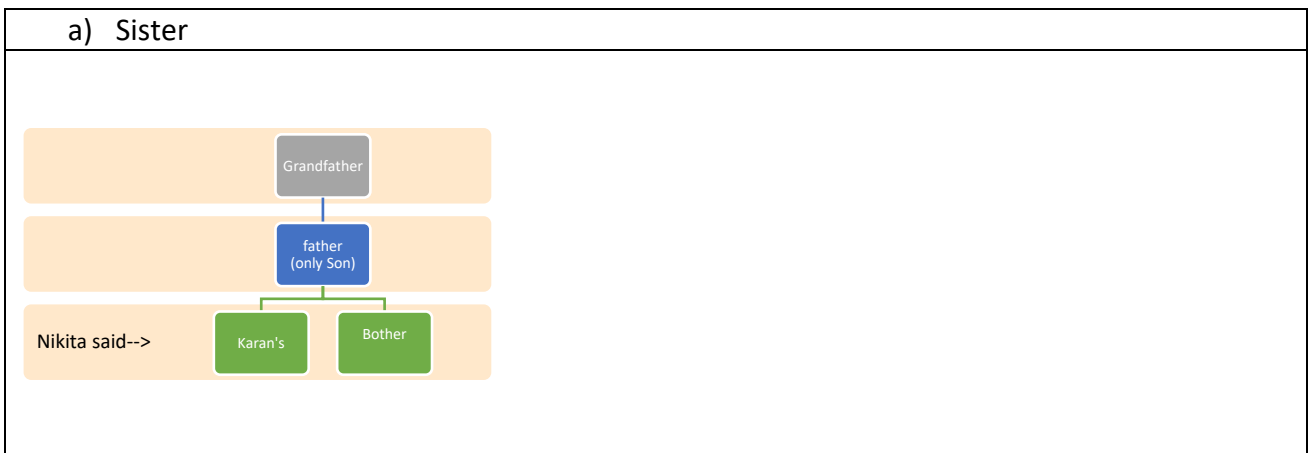**Sample Paper: LR-1**

1. Abhishek, introducing a girl at a party, said, she is the wife of the grandson of my mother. How is Abhishek related to the girl?
    (a) Father   (b) Grandfather   (c) Husband   (d) Father-in-law

D) father-in-law	
1st genration	Mother
2nd generation	Abhishek
3rd generation	Grandson Girl-(Wife)

2. A man said to a woman, —Your mother's husband's sister is my aunt. How is the woman related to the man?
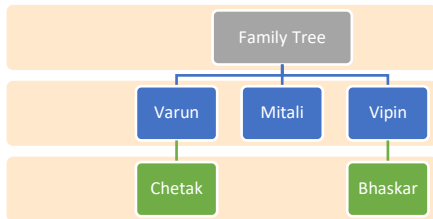   (a) Granddaughter   (b) Daughter   (c) Sister   (d) Aunt

C) Sister		
Family tree		
Mother	Husband	Sister
Man Women		

3. Introducing Karan, Nikita said, —His brother's father is the only son of my grandfather‖. How Nikita is related to Karan?
    (a) Sister   (b) Daughter   (c) Mother   (d) Niece

a) Sister
Grandfather
father (only Son)
Nikita said-->   Karan's   Bother

4. Varun is the brother of Vipin. Mitali is the sister of Varun. Bhaskar is the son of Vipin, who is the uncle of Varun's son chetak. How is Bhaskar related to Mitali?
    (a) Niece   (b) Nephew   (c) Son   (d) Insufficient data
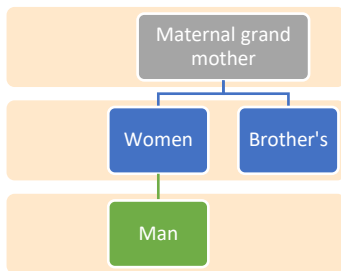
b) Nephew
Family Tree Varun — Mitali — Vipin Chetak — Bhaskar

5. A man said to a woman, —Your brother's only sister is my mother. What is the relation of the woman with the maternal grandmother of that man?

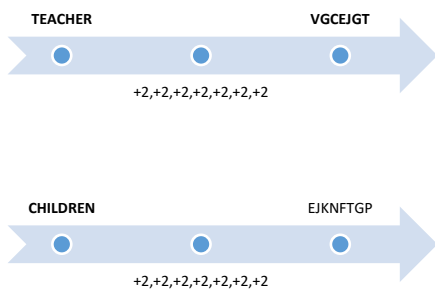(a) Mother   (b) Sister   (c) Niece   (d) Daughter

d)Daughter
Maternal grand mother Women — Brother's Man

6. In a certain code 'TEACHER' is written as 'VGCEJGT' then 'CHILDREN' will be written as

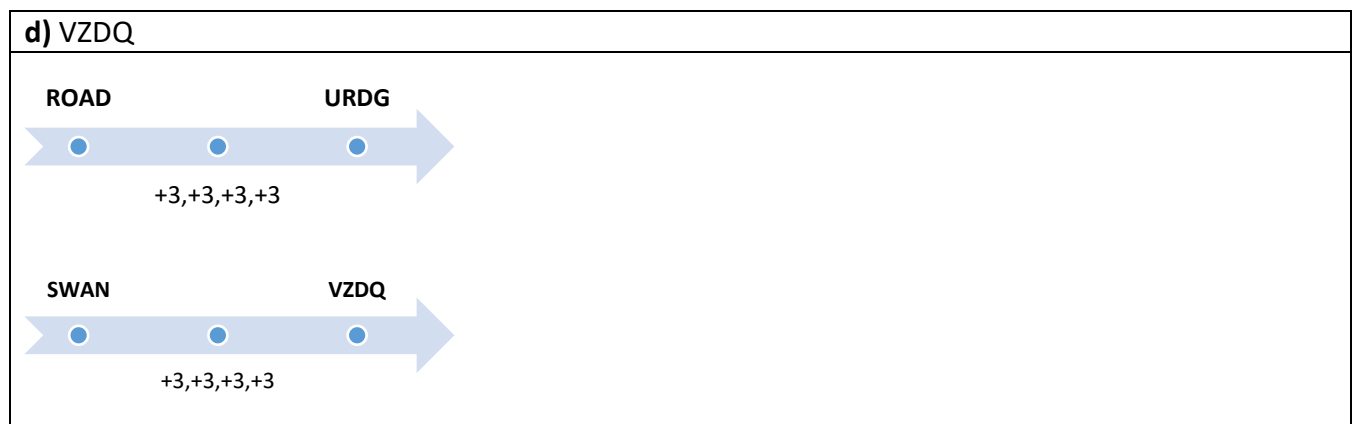(a) EJKNEGTP   (b) EJKNFGTO   (c) EGKNFITP   (d) EJKNFTGP

D) EJKNFTGP
TEACHER   VGCEJGT +2,+2,+2,+2,+2,+2 CHILDREN   EJKNFTGP +2,+2,+2,+2,+2,+2

7. In a certain code 'BASIC' is written as 'DDULE' then LEADER will be written as
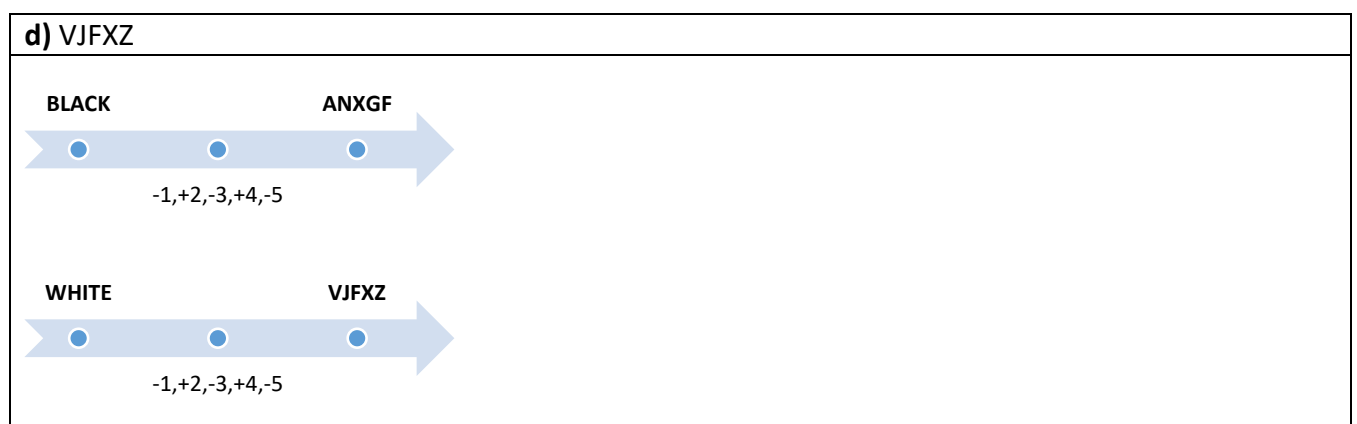
(a) NHCGGU   (b) OHDGHU   (c) NGCFGT   (d) OGDFHT

A) NHCGGU
BASIC   **DDULE**   +2,+3,+2,+3,+2   **LEADER**   **NHCGGU**   +2,+3,+2,+3,+2

8. **If 'ROAD' is coded as 'URDG' then how will 'SWAN' be coded?**

(a) UXDQ   (b) VZCQ   (c) VZCP   (d) VZDQ

d) VZDQ
ROAD   **URDG**   +3,+3,+3,+3   **SWAN**   **VZDQ**   +3,+3,+3,+3

9. **If 'BLACK' is coded as 'ANXGF' then how will 'WHITE' be coded?**

(a) VJFXZ   (b) VZFCZ   (c) VZXCP   (d) VZDQZ

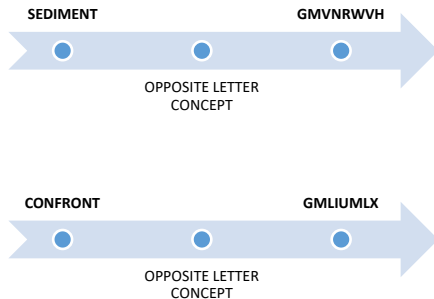| **d)** VJFXZ |
| --- |
| **BLACK**   **ANXGF**
 -1,+2,-3,+4,-5

 WHITE   **VJFXZ**
 -1,+2,-3,+4,-5 |

10. **In a certain code 'SEDIMENT' is written as 'GMVNRWVH' how is 'CONFRONT' written in that code?**

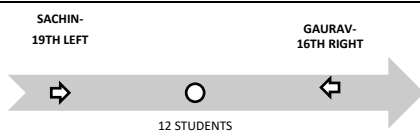(a) GMXLMIUX   (b) XLMUILMG   (c) GMILULMX   (d) GMLIUMLX

d) VJFXZ
SEDIMENT — GMVNRWVH OPPOSITE LETTER CONCEPT CONFRONT — GMLIUMLX OPPOSITE LETTER CONCEPT

11. **There are some students in a class. Sachin is 19th from the left end, and Gaurav is 16th from the right end. If 12 students are sitting between them, then find out the total number of students.**

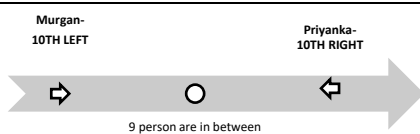   A. 35   B. 47   C. 21   D. None of these

Answer (b)
SACHIN- 19TH LEFT   GAURAV- 16TH RIGHT ⇨   ○   ⇦ 12 STUDENTS Total students = 19+12+16   = 47

12. **Murgan is tenth from the left end, Priyanka is tenth from the right end in a row, and also Priyanka is tenth to the right of Murgan. Find the total no of people in a row.**

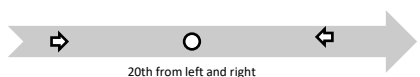   A. 29   B. 23   C. 24   D. 25

Answer option (A)
Murgan- 10TH LEFT   Priyanka- 10TH RIGHT ⇨   ○   ⇦ 9 person are in between Total Person = 10+09+10   = 29

13. **If you are the 20th person in the queue starting from either end, then the number of persons in the queue is.**

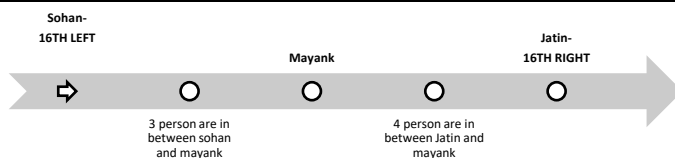   (a) 40   (b) 39   (c) 41   (d) 38

Answer option (b)
⇨   ○   ⇦ 20th from left and right According to question:

Total no of person in the row = Rank from left + Rank from right -1
= 20+20-1
= 39

14. In a row of boys facing the north, Sohan is sixteenth from the left end, and Jatin is sixteenth from the right end. Mayank, who is fourth to the right of Sohan, is fifth to the left of Jatin in the row. How many boys are there in the row?

(a) 38   (b) 42   (c) 43   (d) 40
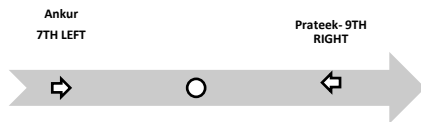
Answer option (d)
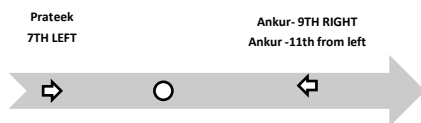

No of boys = 16+3+1+4+16
= 40 students

15. In a row, Ankur is 7th from the left, and Prateek is 9th from the right. Both of them interchange their positions, and thus Ankur becomes 11th from the left. How many people are there in that row?

(a) 18   (b) 19   (c) 21   (d) 20

Answer option (b)

After interchanging position

ATQ:

Total person = 11 + 9 -1
= 19

16 - Five boys are sitting in a row. Raghu is not adjacent to Shyam or Amit. Ajay is not adjacent to Shyam. Raghu is adjacent to Mayank. If Mayank is in the middle of the row, then Ajay is adjacent to whom out of the following?
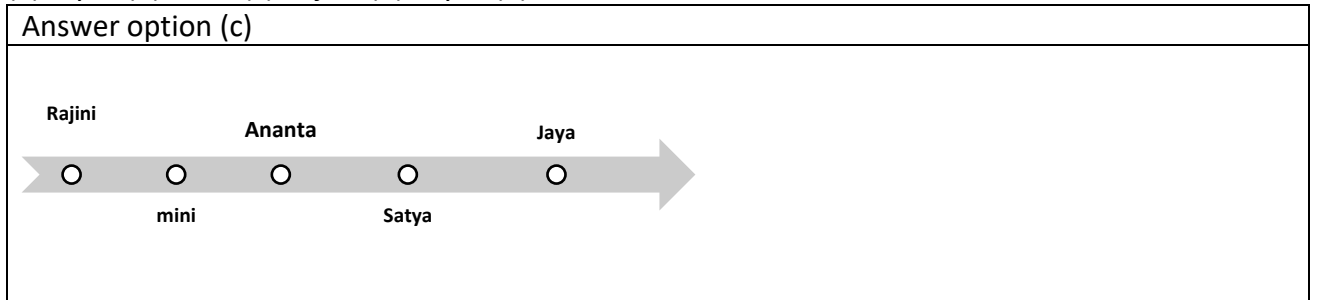
(a) Amit   (b) Raghu (c) Mayank   (d) Shyam (e) Data Inadequate

Answer option (b)

AJAY

Mayank   Shyam/Amit

○   ○   ○   ○   ○
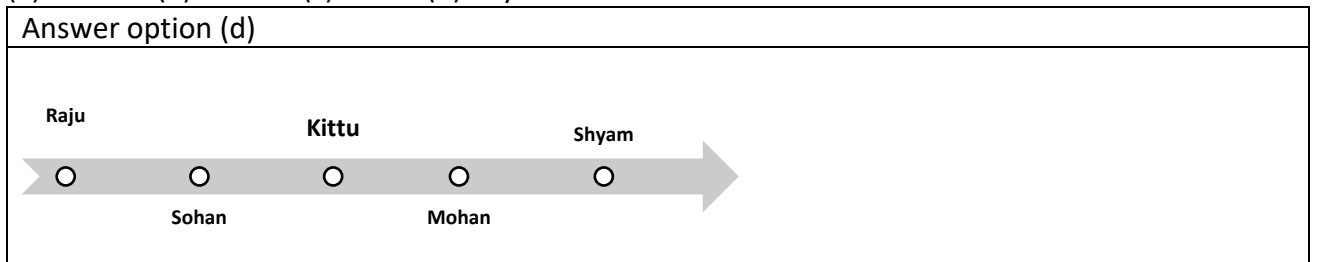
Raghu   Shyam/Amit

17. Mini is to the right of Rajni but to the left of Ananta. Saya is to the right of Mini but to the left of Jaya. Who is on the extreme left if all the girls are facing North?

(a) Jaya   (b) Mini (c) Rajni   (d) Saya   (e) Ananta

Answer option (c)

Rajini

Ananta   Jaya

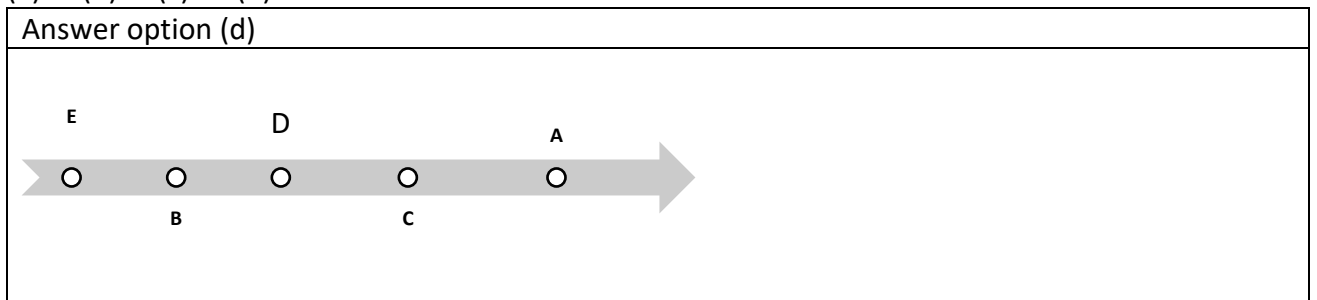○   ○   ○   ○   ○

mini   Satya

18. Kittu is in-between Mohan and Sohan. Raju is to the left of Sohan, and Shyam is to the right of Mohan. If all of the friends are sitting facing north, then who is on their extreme right?

(a) Mohan (b) Sohan   (c) Kittu   (d) Shyam

Answer option (d)

Raju

Kittu   Shyam

○   ○   ○   ○   ○

Sohan   Mohan

19. Five persons, A, B, C, D, and E, are sitting in a row facing you such that D is on the left of C and B is on the right of E. A is on the right of C, and B is on the left of D. If E occupies a corner position, then who is sitting in the center?

(a) A (b) B (c) C   (d) D

Answer option (d)

E

D   A

○   ○   ○   ○   ○
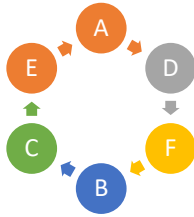
B   C

20. Six friends, A, B, C, D, E, and F, are standing in a circle. B is between F and C; A is between E and D; F is to the left of D. Who is between A and F?

(a) C (b) B   (c) D   (d) E

Answer option (C)

Directions (21 to 25): Study the following information carefully and answer the following question.

Ten People i.e., P, Q, R, S, T, U, V, W, X, and Y live in a Ten-floor building. The lowermost floor is numbered 1, the floor above it is numbered 2 so on to the last floor which is numbered 10. All the information is not necessarily in the same order. Three people live between P and Y who live on the second floor. Two people live between X and P. Three people live between X and Q. W lives adjacent to Q. The Number of people living above W is the same as the number of people living below R. S lives two floors above T. T lives on an odd-numbered floor. U does not live on the top floor.

21. How many people live above Q?
A. Two B. Four C. Three D. More than four E. None

22. How many people live between U and the one who lives on the 2nd floor?
A. Five B. One C. Six D. Three E. None

23. If all the people are arranged according to their names in English alphabetical order from bottom to top then the position of how many of them remains unchanged?
A. Two B. None C. One D. Three E. None of these

24. Who amongst the following lives exactly between Q and T?
A. W B. S C. Y D. R E. None of these

25. U lives on which of the following floors?
A. 9th B. 8th C. 7th D. 3rd E. 1st

Solution:

Floor	People
10	V
9	X
8	U
7	R
6	P
5	Q
4	W
3	S
2	Y
1	T