

BLOOD RELATION

1. Looking at a picture of a boy, Hemant said, "His mother is the wife of my father's son. Brothers and sisters I have none." At whose picture was Hemant looking?

- A. His son
- B. His cousin
- C. His uncle
- D. His nephew

2. A girl introduces a boy as the son of the brother of her mother. How is the boy related to the girl?

- A. Nephew
- B. Son
- C. Cousin
- D. Uncle

3. If Amitabh says, "Ritik's mother is the only daughter of my mother", how is Amitabh related to Ritik?

- A. Grandfather
- B. Father
- C. Brother
- D. None of these

4. B and C are siblings. M has two children and he is son of E, who is father-in-law of H. H has only one son. C is not granddaughter of E. How is H related to M?

- A. Husband
- B. Wife
- C. Daughter
- D. Son

5. Directions: Read the following information carefully and answer the question given below:

If ' $A \times B$ ' means 'A is father of B'.

If ' $A + B$ ' means 'A is wife of B'.

If ' $A \div B$ ' means 'A is daughter of B'.

If ' $A - B$ ' means 'A is son of B'.

Which of the following relations are true based upon the relations given in the equation:

' $A - B \times C + D - E$ ' ?

- A. C is mother of A
- B. D is brother of A
- C. E is mother-in-law of C
- D. None is true

6. In a family there are three fathers, two brothers, two sisters, one husband, one wife, two brothers-in-law, two daughters, three sons, three cousins, two nephews, one grandfather and a niece.

How many aunts are there in the family?

- A. None
- B. One
- C. Two
- D. Can't be determined

7. In a family of three generations, there are eight members - A, B, C, D, E, F, G and H. C is G's daughter-in-law. E is B's only grandchild. D is one of E's two maternal uncles. G and D, one of whom is male, are the children of B. F is the father of D. H is G's husband.

How is E related to F?

- A. Granddaughter
- B. Son
- C. Grandson
- D. Daughter

8. There are seven family members in a family in which four are males and three are females and two married couple in that family.

S is the brother-in-law of T and paternal uncle of P.

R is the father of V and son of M.

V is sister of P and Q is grandfather of V.

Who is the mother of V?

- A. R
- B. M
- C. S
- D. T

9. There are two couples in a family. K has two children. M is wife of O, who is brother of B. F is daughter of K. U is sister of S, who is son of O. T is son of B, who is a male.

How is U related to T?

- A. Mother
- B. Brother
- C. Sister
- D. Cousin

10. There are two couples – Mr. and Mrs. Iyer and Mr. and Mrs. Khanna. The Iyer's have only one child – Vineet. The Khanna's have only one child, a daughter – Kavita. Further, it is known that exactly one of the following cases is true:

I. Mr. Iyer is Mrs. Khanna's brother.

II. Mr. Khanna is Mrs. Iyer's brother.

III. Mrs. Iyer is Mrs. Khanna's sister.

If Mrs. Khanna is Vineet's aunt, which of the following cases could be the correct one?

- A. Only I
- B. Only II
- C. Only III
- D. Either I or II
- E. Either I or III

11. D is the mother of J and L. J is the brother of F. F is the son of K. K has only three children. Y is the son-in-law of D. M is the son of Y. M is the brother of S.

If S is married to T, then how is T related to Y?

- A. Son-in-law
- B. Daughter-in-law
- C. Daughter
- D. Cannot be determined

12. L # Q means L is father of Q

L \$ Q means L is son-in-law of Q

L @ Q means L is daughter of Q

L * Q means L is niece of Q

L ^ Q means L is brother of Q

L! Q means L is sister of Q

If R\$T@Y^I#P@S, then how S is related to T?

- A. Aunt
- B. Paternal Aunt
- C. Maternal Aunt
- D. Can't be determined

13. Introducing a girl. Ronit said, " He is the daughter of the daughter of my grandfather's only son", How is that girl related to Ronit?

- A. Cousin
- B. Niece
- C. Father in law
- D. Nephew

14. A family has 6 members – Radhey, Krishna, Madhav, Kanha, Gaur and Hari among 3 generations.

Further it is also known that:

Radhey is the son-in-law of Krishna.

Gaur who is unmarried, has a sister and Hari has an uncle.

Kanha is the grandmother of Hari.

Both the grandparents and parents of Hari are alive.

Which of the following does not belong to the second generation of the family?

- A. Madhav
- B. Krishna
- C. Gaur
- D. Radhey

15. Daya, who is child of Subh, is married to Prem. Bala is daughter of Subh. Subh is paternal grandfather of Geet. Rathi is only son of Daya. Prem has three children & one of them is married to Nupur. Nupur is sister-in-law of Honey. There were only 8 persons in the family.

How is Honey related to Bala?

- A. Aunt
- B. Son
- C. Daughter

D. Niece

16. Avnish and Avni are sisters. Avanti is an unmarried son of Abish, Avanti has a brother in law Arti. Amrita is Avnish's nephew and has a brother Arun. Ankur has two daughters Ankit and Abha. Arti is father of Abha. Asha is the father of Arun. Asha is the brother-in-law of Avnish. Abish is the brother-in-law of Avni.

How is Ankit related to Avanti?

- A. Daughter
- B. Niece
- C. Son
- D. Brother

17. Pointing to a photograph Ankur says, 'He is the only brother of the only daughter of my sister's maternal grandmother'. Pointing to another photograph Suraj says, 'He is the only brother of the only daughter of my sister's maternal grandmother'. Among the two photographs, one was either of Suraj or Ankur, and the photograph, towards which Ankur was pointing, was not of Suraj.

How is Ankur related to Suraj?

- A. Paternal uncle
- B. Grandfather
- C. Maternal uncle
- D. Father

18. A family has 6 members – Radhey, Krishna, Madhav, Kanha, Gaur and Hari among 3 generations. Further it is also known that: Radhey is the son-in-law of Krishna. Gaur who is unmarried, has a sister and Hari has an uncle. Kanha is the grandmother of Hari. Both the grandparents and parents of Hari are alive.

Which of the following does not belong to the second generation of the family?

- A. Madhav
- B. Krishna
- C. Gaur
- D. Radhey

19. Eight members M to T of a family consisting of three generations, went for a picnic. M is married to N, who is father-in-law of S. Q, has a nephew, who is not the son of T. The spouse of S is not the brother of P, who is son of N. S and P are not married to each other. R is the only grandson of M and both M and R don't have any sibling. Only a married couple can have a child and every married couple has a child. Q and M doesn't belong to the same generation. O, who is married, is not the mother of T. Q and T are

not in the same generation. P and Q are not married to each other. T is not the sibling of N.

Who is the sibling of P?

- A. T
- B. N
- C. Q
- D. O

20. Q is father of A and B. X is mother of K, N is son of A. N is the only brother of K. X is daughter-in-law of P. P has only one daughter and one son.

How is K related to Q?

- A. Daughter
- B. Grandson
- C. Granddaughter
- D. Either B or C

21. Pointing to a photograph, a woman said, "His father is the only son of my daughter's grandmother's husband." How is the person in the photograph related to the woman?

- A. Father
- B. Son
- C. Husband
- D. Brother

22. In a family of 7 persons, there are only 3 females and three married couples. Each child has both the parents alive. The family members – A, B, C, D, E, F and G spent certain amounts in a month.

B is the only son of G, who spent the third highest amount. A is not a female and spent an amount just lower than D's husband. C is the father of two children of different genders one of them is D. E's mother-in-law was the third highest spender. F is the aunt of A and spent the highest amount. The spendings of E were just lower than A's uncle, who spent the fourth highest amount. C spent Rs. 4500, which is the second highest amount to be spent.

What could be the possible amount of expenditure done by F?

- A. Rs. 3200
- B. Rs. 4050
- C. Rs. 4550
- D. Rs. 4200

23. In a certain coded language:

'X + Y' means 'Y is the brother of X'.

'X ? Y' means 'X is the daughter of Y'.

'X ! Y' means 'Y is the sister of X'.

'X / Y' means 'X is the son of Y'.

'X\$Y' means 'X is the father of Y'.

'X & Y' means 'X is the mother of Y'.

Which of the following conclusions cannot be derived from the given expression –
“G?K/M\$X&S?R”?

- A. The number of males and females in the family is equal.
- B. R is the paternal uncle of G.
- C. R is the son-in-law of M.
- D. K is the paternal uncle of S.

24. H is the brother of M, who is the only daughter of B. T is the only child of J, who is the sister of X. H is the brother-in-law of X. There are only two unmarried females in the family. Find how is T related to X?

- A. Nephew
- B. Maternal Aunt
- C. Niece
- D. Either option A or C

25. Garv is the son of Sashi. Heer is the father of Manu. Garv is married to Devi. Garv and Manu are siblings. Prem is the brother of Devi. Sashi has only one son. Riya is the son of Garv. Prem is the father of Kaka. Joshi is the daughter of Manu. Prem has no daughters.

How many married couples are there in the family?

- A. One
- B. Two
- C. Three
- D. Four

Answer:

1. A

Solution: Since Hemant has no brother or sister, so he is his father's only son.

So, wife of Hemant's father's son — Hemant's wife.

Thus, Hemant's wife is the boy's mother or the boy is Hemant's son.

2. C

Solution: Brother of mother — Uncle; Uncle's son — Cousin.

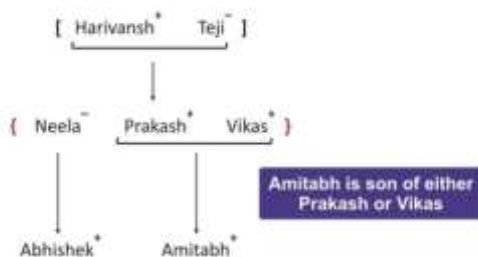
3. D

Solution: Only daughter of Amitabh's mother — Amitabh's sister.

So, Ritik's mother is Amitabh's sister or Amitabh is the brother of Ritik's mother i.e. Ritik's maternal uncle.

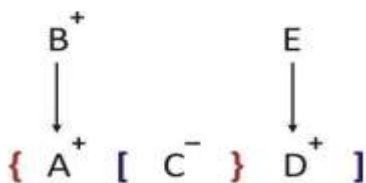
4. B

Solution:



5. D

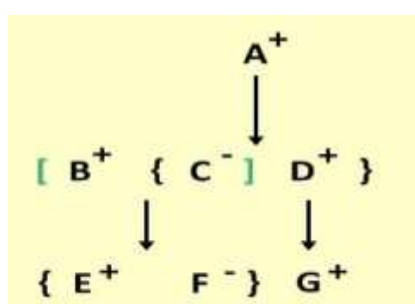
Solution:



It's clear from the family tree that no option is satisfying the relationship and hence 'None is true'.

6. B

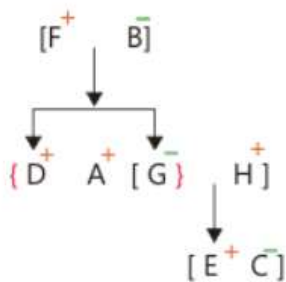
Solution:



As per the family tree it's evident that there are only 2 female members in the family.

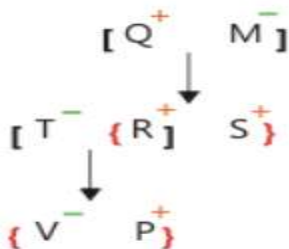
7. C

Solution:



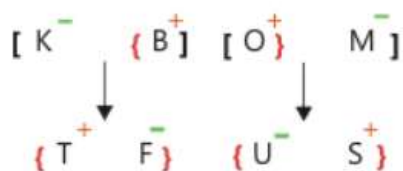
8. D

Solution:



9. D

Solution:



10. E

Solution: Either I or III is the correct case.

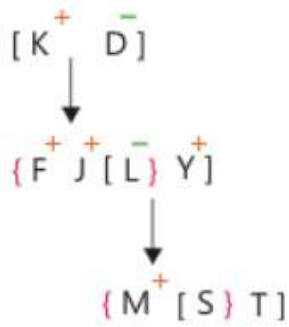
Option E, is hence the correct answer.

If Mrs. Khanna is Vineet's aunt, this means that Mrs. Khanna must be the sister of either Mr. or Mrs. Iyer.

Clearly, either case I or case III could be the correct one.

11. D

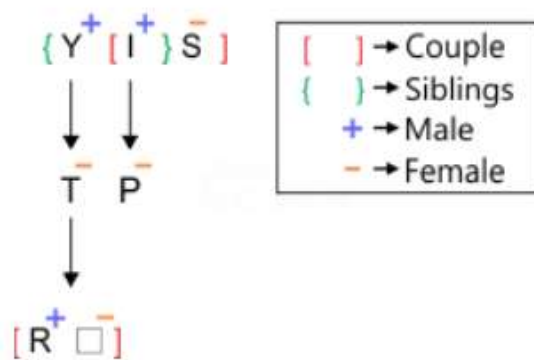
Solution:



Here, we cannot find the relation between T and Y because the gender of T is not clear.

12. B

Solution:



13. B

Solution: "He is the daughter of the daughter of my grandfather's only son"

My grandfather's only Son - It means Ronit's father.

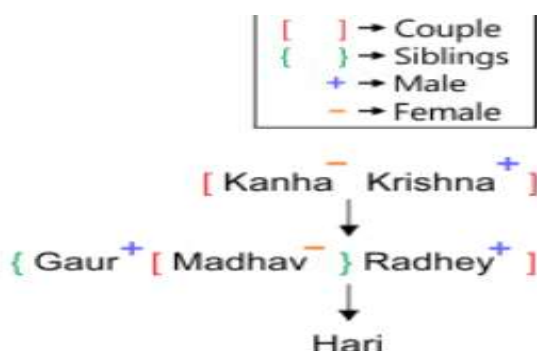
Daughter of my grandfather's only son - Ronit's father's daughter. It means Ronit's sister.

Daughter of the daughter of my grandfather - It means Ronit's sister's daughter.

Hence, that girl is a niece of Ronit.

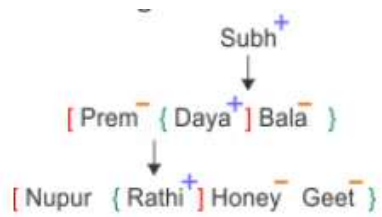
14. B

Solution:



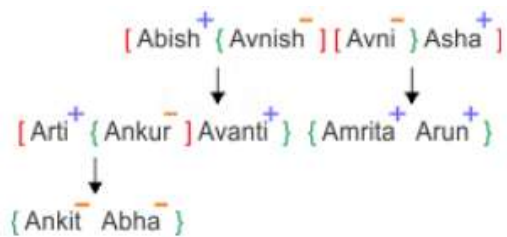
15. D

Solution:



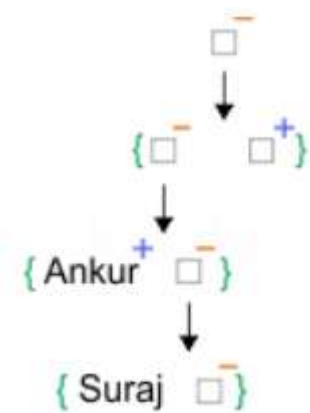
16. B

Solution:



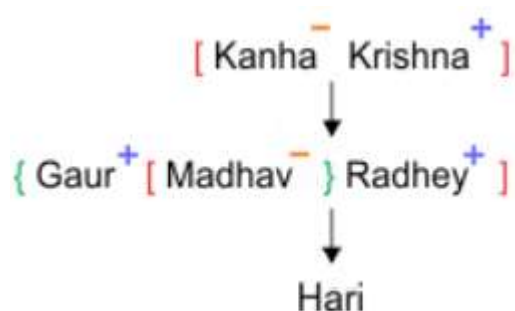
17. C

Solution:



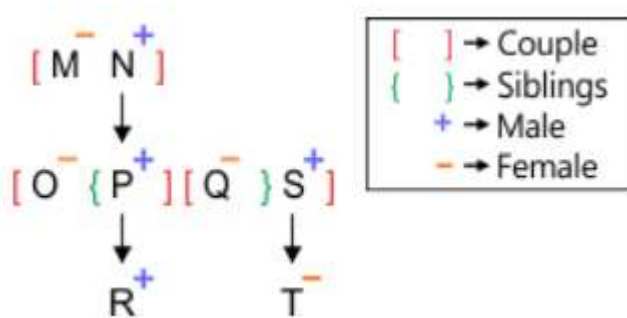
18. B

Solution:



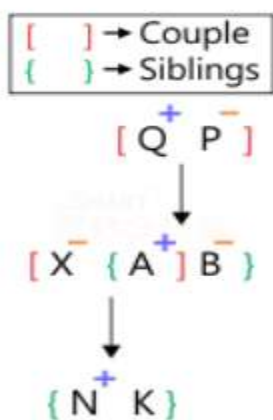
19. B

Solution:



20.

Solution:

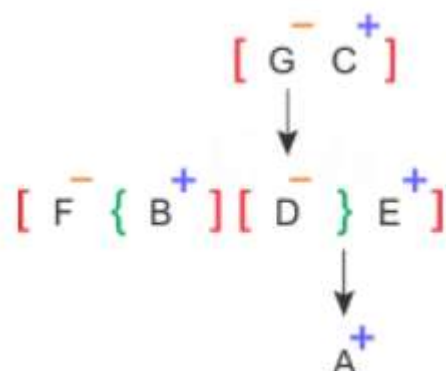


21. B

Solution: Person's father = Only son of woman's daughter's grandfather's husband's = Woman's husband.

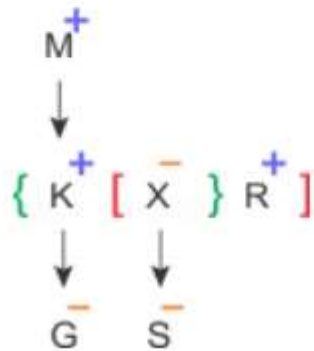
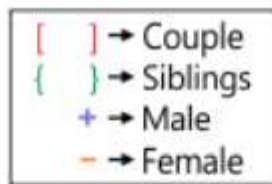
22. C

Solution:



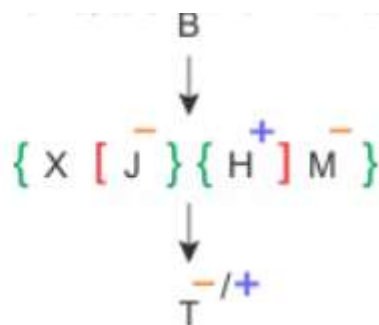
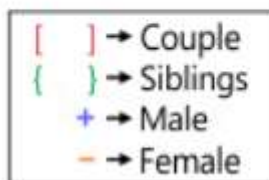
23. D

Solution:



24. D

Solution:



25. B

Solution:

