

Blood Relations

Part 1 - Basic

Model 1: Relation Based on given Statements

1. D is the brother of B. M is the Brother B. K is the father of M. T is the wife of K. How is B



related to T?

- | | | |
|--------------------|------------------|--------------------|
| 1) Son | 2) Daughter | 3) Son or Daughter |
| 4) Data Inadequate | 5) None of these | |

2. B is the sister of D. M is the father of D. N is the sister of M. How is B related to N?



- | | | |
|--------------------|------------------|----------|
| 1) Brother | 2) Aunt | 3) Niece |
| 4) Data Inadequate | 5) None of these | |

3. K is brother of T. M is mother of K. W is brother of M. how is W related to T?

- | | | |
|--------------------|-------------------|----------------|
| 1) Maternal Uncle | 2) Paternal Uncle | 3) Grandfather |
| 4) Data Inadequate | 5) None of these | |

4. M is sister of K. D is brother of K. F is mother of M. how is K related to F?

- | | | |
|--------------------|------------------|--------------------|
| 1) Son | 2) Daughter | 3) Son or Daughter |
| 4) Data Inadequate | 5) None of these | |

Model 2: Relation Based on Symbols and Equations

Directions (5-7): Read the following information carefully and answer the questions given below

P/Q means P is father of Q

$P+Q$ means P is the mother of Q

$P-Q$ means P is the brother of Q

$P*Q$ means P is the sister of Q

5. If $A+B/C-D$, then A is D's _____?



1) Sister

2) Grandfather

3) Grandmother

4) Father

5) None of these

6. If $A*B/C-D+E$, then A is E's

1) Grand-aunt

2) Brother

3) Maternal uncle

4) Mother

5) None of these

7. Which of the following shows that A is aunt of E?



1) $A-B+C/D*E$

2) $A*B/C*D-E$

3) $A/B*C+D-E$

4) $A+B-C*D/E$

5) None of these

Directions (8-10): Read the following information carefully and answer the questions given below

$A+B$ means A is the daughter of B.

$A-B$ means A is the husband of B.

$A*B$ means A is the brother of B.

8. If $P+Q-R$, which of the following is true?

1) R is the mother of P

2) R is the sister in law of P

3) R is the aunt of P

4) R is the mother in law of P

5) None of these

9. If $P*Q+R$, which of the following is true?

1) P is the brother of R

2) P is the uncle of R

3) P is the son of R

4) P is the father of P

5) None of these

10. If $P+Q^*R$, which of the following is true?

- 1) P is the niece of R 2) P is daughter of P 3) P is the cousin of R
4) P is the daughter in law of R 5) None of these

11. If $A \$ B$ means 'A is father of B', $A \# B$ means 'A is daughter of B', $A @ B$ means 'A is sister of B', then how is K related to M in $H @ K \$ L \# M$?

- 1) Husband 2) Uncle 3) Father
4) Cannot be determined 5) None of these

12. If $A+B$ means A is the sister of B; $A-B$ means A is the brother of B; A^*B means A is the daughter of B, which of the following shows the relation that E is the maternal uncle of D?

- 1) $D+F^*E$ 2) $D-F^*E$ 3) D^*F+E 4) D^*F-E 5) None of these

13. $P-Q$ means Q is son of P and P^*Q means P is brother of Q, P/Q means Q is sister of P, and $P+Q$ means P is mother of Q. Which of the following is definitely true about N^*K-M/L ?

- 1) K is father of L and M
2) L is the daughter of K and is the niece of her uncle N
3) K is the father of M and L-his son and daughter respectively
4) M is the uncle of K's brother N
5) None of these

Model 3: Relation in a Complex Statement

14. Pointing a girl, Arun said, "She is the only daughter of my grandfather's son." How is the girl related to Arun?



- 1) Daughter 2) Sister 3) Cousin/sister
4) Data Inadequate 5) None of these

15. Nandini is the only daughter of Madan's sister Sangita's brother. How is Nandini related to



Madan? [May 17, 2014 @ 37m 30s]

- | | | |
|-------------------|------------------|-----------|
| 1) Daughter | 2) Niece | 3) Cousin |
| 4) Niece/Daughter | 5) None of these | |

16. Pointing to a boy, Meena said, "He is the only grandson of grandfather." How is the boy related to Meena?

- | | | |
|--------------------|------------------|----------|
| 1) Brother | 2) Cousin | 3) Uncle |
| 4) Data Inadequate | 5) None of these | |

17. Pointing a woman Nirmal said "She is the only daughter of my wife's grandfather's only child." How is the woman related to Nirmal?



- | | | |
|--------------------|------------------|-----------|
| 1) Wife | 2) Sister-in-law | 3) Sister |
| 4) Data Inadequate | 5) None of these | |

18. Pointing a photograph, Rasika said "He is the grandson of my grandmother's only son."



How is the boy in photograph related to Rasika? [August 09, 2014 @ 54m 30s]

- | | | |
|-------------------------|-----------|------------|
| 1) Son | 2) Nephew | 3) Brother |
| 4) Cannot be determined | 5) None | |

19. Pointing a woman, Suresh said "she is the daughter of my grandfather's only daughter".



How is the Suresh related to the woman? [August 09, 2014 @ 57m 30s]

- | | | |
|-------------------------|-----------|----------|
| 1) Brother | 2) Cousin | 3) Uncle |
| 4) Cannot be determined | 5) None | |

20. Pointing a boy, Divya said, "He is the son of my father's only brother." How is Divya related to that boy?

- | | | |
|--------------------|------------------|-------------|
| 1) Sister | 2) Cousin/Sister | 3) Daughter |
| 4) Data Inadequate | 5) None | |

Directions (21-25): Read the following information carefully and answer the questions given below

P, Q, R, S, T and X are members of a family. There are two married couples. Q is an engineer and father of T. X is the grandfather of R and is a lawyer. S is the grandmother of T and is a housewife. There is one engineer, one lawyer, one teacher, one housewife and two students in a family.

21. Who is the husband of P?

- | | | | | |
|------|------|------|------|------|
| 1) R | 2) X | 3) Q | 4) S | 5) T |
|------|------|------|------|------|

22. Which of the following two are married couples?

- | | | | | |
|-----------|-----------|-----------|-----------|------------------|
| 1) XS, QP | 2) XS, QT | 3) XS, RP | 4) TS, RX | 5) None of these |
|-----------|-----------|-----------|-----------|------------------|

23. Which of the following is definitely a group of male members?

- | | | | | |
|------------|---------|------------|---------|------------------|
| 1) Q, X, T | 2) X, T | 3) Q, X, P | 4) Q, X | 5) None of these |
|------------|---------|------------|---------|------------------|

24. Who is the sister of T?

- | | | |
|--------------------|------------------|------|
| 1) R | 2) S | 3) P |
| 4) Data inadequate | 5) None of these | |

25. Which of the following can be P's profession?

- | | | |
|------------------------|-------------------------|------------|
| 1) Housewife | 2) Engineer | 3) Teacher |
| 4) Engineer or teacher | 5) Housewife or teacher | |

Answers

1 - 3	2 - 3	3 - 1	4 - 3	5 - 3
6 - 1	7 - 2	8 - 1	9 - 3	10 - 1
11 - 1	12 - 5	13 - 2	14 - 3	15 - 4
16 - 4	17 - 1	18 - 4	19 - 2	20 - 2
21 - 3	22 - 1	23 - 4	24 - 4	25 - 3

Note: The date and time mentioned against some questions refer to the doubts clarification session on Reasoning Ability in which the question was solved.

