Reasoning Blood Relations

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 How is B related to T?					
	1) Son 2) Daughter	3) Son or Daughte	r		
	4) Data Inadequate		· -		
2.	B is the sister of D. M is the father of	,	. 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			
Mo	odel 2: Relation Based on Symbols	and Equations			
	rections (5-7): Read the following in	formation carefully and	answer the		
qu	estions 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 brothe	er 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			
	rections (8-10): Read the following i	nformation carefully and	d answer the questions		
giv	ren below	A 50 A 1 1 1 1	1 CD 45D		
	A+B means A is the daughter of B.	A-B means A is the nust	oand of B. A ^B means		
0	A is the brother of B.				
	If P+Q-R, which of the following is to		0) 5 : .1		
1)		sister in law of P	3) R is the aunt of P		
0	·	mother in law of P	5) None of these		
9.	If P*Q+R, which of the following is to				
	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?				
	· · · · · · · · · · · · · · · · · · ·	,	is the cousin of R		
	4) P is the daughter in law of R	5) None of these			

Reasoning Blood Relations

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 4) Cannot be determined	2) Uncle5) None of these	3) Father			
12. I	If A+B means A is the sister of B; A-means A is the daughter of B, which that E is the maternal uncle of D?	B means A is the brother o	e relation			
13. 1	3. 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					
	del 3: Relation in a Complex State					
	4. Pointing a girl, Arun said, "She is the only daughter of my grandfather's son." How is the girl related to Arun?					
	1) Daughter 4) Data Inadequate	2) Sister5) None of these	3) Cousin/sister			
15. 3	15. Nandini is the only daughter of Madan's sister Sangita's brother. How is Nandini related to Madan?					
	1) Daughter 4) Niece/Daughter	2) Niece5) None of these	3) Cousin			
	16. Pointing to a boy, Meena said, "He is the only grandson of grandfather." How is the boy related to Meena?					
	1) Brother 4) Data Inadequate	2) Cousin5) None of these	3) Uncle			
	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 4) Data Inadequate	2) Sister-in-law5) None of these	3) Sister			
	18. Pointing a photograph, Rasika said "He is the grandson of my grandmother's on son." How is the boy in photograph related to Rasika?					
	1) Son 4) Cannot be determined	2) Nephew5) None	3) Brother			
	9. Pointing a woman, Suresh said "she is the daughter of my grandfather's only daughter". How is the Suresh related to the woman?					
	1) Brother 4) Cannot be determined	2) Cousin 5) None	3) Uncle			
20.	0. Pointing a boy, Divya said, "He is the son of my father's only brother." How is Divya related to that boy?					
	1) Sister 4) Data Inadequate	2) Cousin/Sister5) None	3) Daughter			

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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) O, X

5) None of these

5) None of these

24. Who is the sister of T?

1) R

2) S

3) P

4) Data inadequate

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

2) Engineer

3) Teacher

1) Housewife 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		

Part 2 - Advanced

- 1. Pointing to a picture hanging over the wall, Rohan says "She is the wife of my father's only son's son". How is the lady in the picture related to Rohan?
- 1) Daughter

- 2) Sister-in-law
- 3) Sister

3) Mother 4) Cannot be determined 5) Son

4) Daughter-in-law

5) None of the above

Directions (2-3): P is the father of D, D is the only son of T. T is the daughter of J. T is the mother of G. G is the sister of V.

- 2. If J is married to B, then how is B related to G?
 - 1) Daughter in law

- 2) Son in law
- 3) Grandfather

4) Grandmother

- 5) Cannot be determined
- 3. How is V related to P?
- 1) Daughter
- 2) Father

Directions (4-6): Study the given information and answer the following questions.

There are eight members in a family. P is the father of Q. R is the brother of Q. S is the son of Q. T and S are brothers. U is the mother of T. Z is the grandson of V. Q and R are the children of V.

- 4. How is U related to P?
- 1) Daughter 2) Daughter-in-law 3) Wife 4) Granddaughter determined
 - 5) cannot be

Reasoning Blood Relations

3) Four

5. How many male members are there in the family?

1) Two 2) Three 6. Who is the father of Z?

1) P 2) R 3) Q 4) Either Q or R

5) Either P or R

5) Six

7. 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.

Which of the following two are married couples?

1) XS, QP

2) XS, QT

3) XS, RP

4) TS, RX

4) Five

5) None of these

8. Pointing to a picture, Rahul said to Harmesh, "She is the niece of only sister-inlaw of only Son-in-law of your father-in-law". How is the person in the photograph related to Harmesh?

Answers

- 1. Daughter-in-law
- 2. Cannot be determined
- 3. Daughter
- 4. Daughter
- 5. Six
- 6. Q
- 7. XS, QP
- 8. -