



# Blood Relations

- Blood Relation means any relation between two or more persons which is acquired by them by the virtue of their birth.
- Blood relation questions involve analysis of information showing the blood relationship among members of the family. In this, a chain of relationships is given in the form of information and on the basis of this information, relation between any two members of the chain is asked from the candidate. Candidates are supposed to be familiar with the knowledge of different relationships in the family.
- The relations may be divided into two main categories.

**Maternal Relations** Relations on the mother's side are called maternal.

**Paternal Relations** Relations on the father's side are called paternal.

## Types of Relations

Relations from paternal side		Relations from maternal side	
Relation	Relation name	Relation	Relation name
Father's father	Grandfather	Mother's father	Maternal grandfather
Father's mother	Grandmother	Mother's mother	Maternal grandmother
Father's brother	Uncle	Mother's brother	Maternal uncle
Father's sister	Aunt	Mother's sister	Aunt
Children of uncle or aunt	Cousin	Children of maternal uncle or aunt	Cousin
Wife of uncle	Aunt	Wife of maternal uncle	Maternal aunt
Husband of aunt	Uncle	Husband of maternal aunt	Uncle

## Other Relations

Relation	Relation name	Relation	Relation name
Grandfather's or Grandmother's son	Father or Uncle	Daughter's husband	Son-in-law
Grandfather's or Grandmother's only son	Father	Husband's or wife's brother	Brother-in-law
Grandmother's or Grandmother's daughter	Aunt	Brother's son	Nephew
Mother's or father's son	Brother	Brother's daughter	Niece
Mother's or father's daughter	Sister	Sister's husband	Brother-in-law
Son's wife	Daughter-in-law	Brother's wife	Sister-in-law
Husband's or wife's sister	Sister-in-law	Grandson's or Grand-daughter's daughter or son	Great granddaughter or son

### Important Notations

⊕ Male

⊖ Female

⊕ ↔ ⊖ Husband-Wife

⊕ — ⊕ Brother-Brother

⊖ — ⊖ Sister-Sister

⊕ — ⊖ Brother-Sister

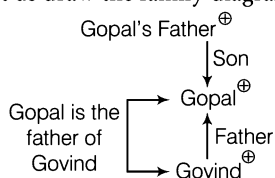
⊕ — ⊕ Father-Son  
⊕ — ⊖ Father-Daughter

⊖ — ⊕ Mother-Son  
⊖ — ⊖ Mother-Daughter

**Example 1** Gopal said, pointing to Govind, “His father is my father’s only son”. How is Gopal related to Govind?

- (a) Grandfather  
(b) Grandson  
(c) Son  
(d) Father

**Sol.** (d) Let us draw the family diagram,



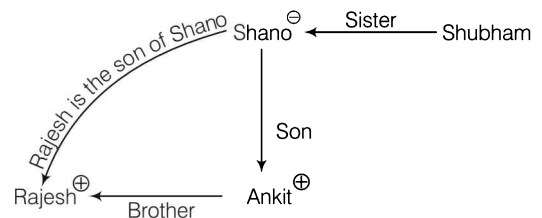
Clearly, the only son of Gopal’s father is Gopal himself. This means Gopal is the father of Govind.

**Example 2** Rajesh is the brother of Ankit.

Shano is the sister of Shubham. Ankit is the son of Shano. How is Rajesh related to Shano?

- (a) Father (b) Brother  
(c) Son (d) Nephew

**Sol.** (c) Let us draw the family diagram from the given information as follows



Now, it is clear that Rajesh is the son of Shano.

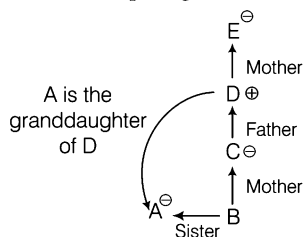
# Practice Exercise

1. Introducing Alka to guests, Brijesh Said, "Her father is the only son of my father". How is Alka related to Brijesh?  
(a) Daughter (b) Mother  
(c) Sister (d) Niece
2. C is the mother of A and B. If D is the husband of B, then what is C to D?  
(a) Mother (b) Aunt  
(c) Mother-in-law (d) Sister
3. Pointing towards a woman, Suresh said, "She is the daughter of my father's sister". How is the woman related to Suresh?  
(a) Brother (b) Cousin  
(c) Uncle (d) Sister
4. Kusuma is the wife of Ravi. Govind and Prabhu are brothers. Govind is the brother of Ravi. Prabhu is Kusuma's .....  
(a) Cousin (b) Brother  
(c) Brother-in-law (d) Uncle
5. Looking at a woman sitting next to him, Amit said, "She is the sister of the husband of my wife" How is the woman related to Amit?  
(a) Niece (b) Daughter  
(c) Sister (d) Wife
6. Looking at a photograph, a person said, "I have no brother or sister but that man's father is my father's son". At whose photograph was the person looking at?  
(a) His son's  
(b) His nephew's  
(c) His father's  
(d) His own
7. Moni is daughter of Sheela. Sheela is wife of my wife's brother. How Moni is related to my wife?  
(a) Cousin  
(d) Niece  
(c) Sister  
(d) Sister-in-law
8. If A is B's sister, C is B's mother, D is C's father and E is D's mother, then how is A related to D?  
(a) Granddaughter (d) Daughter  
(c) Aunt (d) Father
9. Introducing Asha to guests, Bhaskar said, "Her father is the only son of my father". How is Asha related to Bhaskar?  
(a) Niece (b) Grand daughter  
(c) Mother (d) Daughter
10. Pointing towards a girl, Mihir said, "She is the only daughter of only child of my grandfather". How is the girl related to Mihir?  
(a) Daughter (b) Niece  
(c) Sister (d) Data inadequate
11. Pointing towards a photograph, Binod said, "she is the daughter of my wife's mother's only daughter". How is Binod related to the girl in the photograph?  
(a) Cousin  
(b) Uncle  
(c) Father  
(d) Cannot be determined
12. D is K's brother. M is K's sister. T is R's father who is M's brother, F is K's mother. Atleast how many sons do T and F have?  
(a) 2 (b) 3  
(c) 4 (d) Data inadequate
13. Raghu and Babu are twins. Babu's sister is Reema. Reema's husband is Rajan. Raghu's mother is Lakshmi. Lakshmi's husband is Rajesh. How is Rajesh related to Rajan?  
(a) Uncle (b) Son-in-law  
(c) Father-in-law (d) Cousin

- 15.** B is the father of Q. B has only two children. Q is the brother of R. R is the daughter of P. A is the granddaughter of P and S is the father of A. How is S related to Q?
- (a) Son (b) Son-in-law  
(c) Brother (d) Brother-in-law

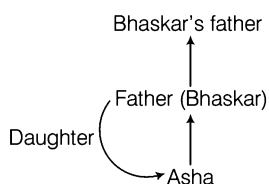
So, Moni is niece of my wife.

8. (a) The relationship diagram is as follows,



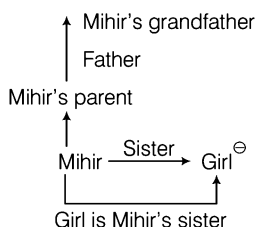
Now, it is clear that A is the granddaughter of D.

9. (d) The relationship diagram is as follows,



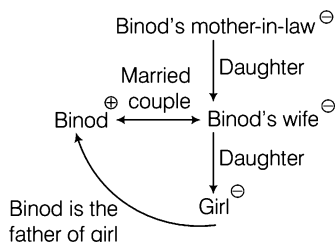
Only son of Bhaskar's father is Bhaskar himself. Therefore, Asha's father is Bhaskar. Hence, Asha is the daughter of Bhaskar.

10. (c) The relationship diagram is as follows,



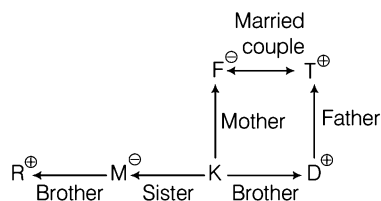
Clearly, only child of Mihir's grandfather is Mihir's father/mother and only daughter of Mihir's father/mother is Mihir's sister. Hence, the girl is Mihir's sister.

11. (c) The relationship diagram is as follows,



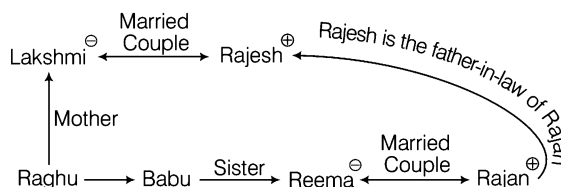
Clearly, Binod's wife's mother's only daughter is Binod's wife and Binod's wife's daughter (the girl in the photograph) will definitely be Binod's daughter. Hence, Binod will be the father of the girl in the photograph.

12. (a) The relationship diagram is as follows,



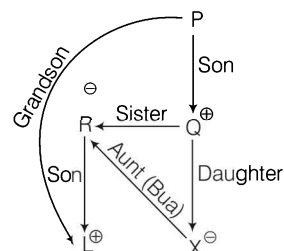
Clearly, R, M, K and D are the children of T and F in which M is a female and gender of K is not known but R and D are the male children of F and T. Hence, T and F have atleast two sons.

13. (c) The relationship diagram is as follows,



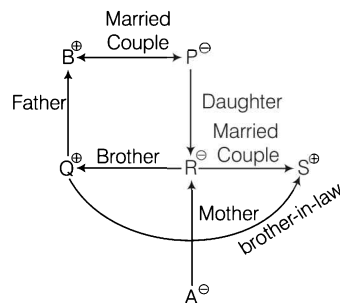
So, it is clear that Rajesh is the father-in-law of Rajan.

14. (a) The relationship diagram is as follows,



Hence, L is the grandson of P.

15. (d) The relationship diagram is as follows,



Hence, S is the brother-in-law of Q.