

UNIT 12

Blood Relations

KNOWLEDGE OF BLOOD RELATIONS

1. Mother's or Father's son is called Brother
2. Mother's or Father's daughter is called Sister
3. Mother's or Father's Father is called Grand Father
4. Mother's or Father's Mother is called Grand Mother
5. Mother's or Father's brother is called Uncle
6. Mother's or Father's sister is called Aunt
7. Son's wife is called Daughter-in-law
8. Daughter's husband is called Son-in-law
9. Brother's wife is called Sister-in-law
10. Sister's husband or Husband's or wife's brother is called Brother-in-law
11. Brother's sons is called Nephew
12. Brother's daughter is called Niece

Example 1. Sarita introduced a boy as the son of the daughter of the father of her uncle. The boy is Sarita's

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|-------------|----------------|
| (a) Brother | (b) Son |
| (c) Uncle | (d) Son-in-law |
| (e) Nephew | |

Sol: Usually we start from the end and keep on simplifying: Daughter of uncle's father means uncle's sister. Uncle's sister means mother and son of the mother means her brother. So the boy is Sarita's brother. The answer is (a).

Example 2. Pointing to an old man, Sohan said, "His son is my son's uncle." How is old man related to Sohan?

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|-------------------|------------------|
| (a) Brother | (b) Uncle |
| (c) Father | (d) Grand father |
| (e) None of these | |

Sol: Sohan's son's uncle means Sohan's brother. So, the old man's son is Sohan's brother, i.e. the old man is the father of Sohan. The answer is (c).

Example 3. A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?

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|-------------------|-------------|
| (a) Father | (b) Brother |
| (c) Grand father | (d) Uncle |
| (e) None of these | |

Sol: Studying the statements carefully, we find that B is the brother of A and A's son is the brother of D, so D is the daughter of A. Since C and D are sisters, so C is also the daughter of A. Thus B is the uncle of C. The answer is (d).

Example 4. $A + B$ means 'A is the brother of' B; $A - B$ means A 'is the mother of' B and $A \times B$ means A is the sister of B. Which of the following means A is the maternal uncle of B?

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|-------------------|----------------------|
| (a) $A + C + B$ | (b) $A - B + C$ |
| (c) $A + C - B$ | (d) $A + C \times B$ |
| (e) None of these | |

Sol: Note that C has a relation between A and B. Option (1) $A + C + B$ implies that A is the brother of C who is the brother of B means that

A is the brother of B. So (1) does not give what is asked.

Option (2) also does not say what is required.

Option (3) $A + C - B$ means A is the brother of C who is the mother of B means that A is the maternal uncle of B.

Hence the answer is (c).

EXERCISE

- Sohan introduces Mohan as the son of the only brother of his father's wife. How is Mohan related to Sohan?
(a) Cousin (b) Son
(c) Uncle (d) Son-in-law
(e) Brother
- Pointing out to a photograph, a man tells his friend, "She is the daughter of the only son of my father's wife." How is the girl related to the man in the photograph?
(a) Daughter (b) Cousin
(c) Mother (d) Sister
(e) Niece
- Pointing to a man, a woman said: "His mother is the only daughter of my mother." How is the woman related to the man?
(a) Mother (b) Daughter
(c) Sister (d) Grand mother
(e) None of these
- Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grand father." How is the woman related to the man in the photograph?
(a) Mother (b) Aunt
(c) Sister (d) Daughter
(e) Grand mother
- Pointing to a man in the photograph, Ashmita said, "His mother's only daughter is my mother." How is Ashmita related to that man?
(a) Nephew (b) Sister
(c) Wife (d) Niece
(e) Grand mother
- If Kunal says, "John's mother is the only daughter of my mother." How is Kunal related to John?
(a) Brother (b) Father
(c) Grand father (d) Can't be found
(e) None of these
- Pointing to a photograph, Anil said, "She is the daughter of my grand father's only son." How is Anil related to the girl in the photograph?
(a) Father (b) Brother
(c) Cousin (d) Can't be determined
(e) None of these
- Ram has a brother Shyam. Ram is the son of Ramesh. Suresh is Ramesh's father. How is Shyam related to Suresh?
(a) Son (b) Grandson
(c) Brother (d) Grand father
(e) None of these
- (i) M is the brother of N
(ii) B is the brother of N; and
(iii) M is the brother of D;
Which of the following statements is definitely true?
(a) N is the brother of B
(b) N is the brother of D
(c) M is the brother of B
(d) D is the brother of M
(e) None of these
- C is A's father's nephew. D is A's cousin but not the brother of C. How is D related to C?
(a) Father (b) Sister
(c) Mother (d) Aunt
(e) None of these
- Rajan is the brother of Sachin and Manik is the father of Rajan. Jagat is the brother of Priya and Priya is the daughter of Sachin. Who is the uncle of Jagat?
(a) Rajan (b) Sachin
(c) Manik (d) Can't be determined
(e) None of these
- A is the father of C and D is the son of B. E is the brother of A. If C is the sister of D, how is B related to E?
(a) Daughter (b) Brother-in-law
(c) Husband (d) Sister-in-law
(e) None of these
- Q's mother is the sister of P and daughter of M. S is the daughter of P and sister of T. How is M related to T?

- (a) Grand mother (b) Father
- (c) Grand father (d) Can't be determined
- (e) None of these

Questions 14 to 16.

- (i) A is the son of B
 - (ii) C, who is the sister of B has a son D and a daughter E
 - (iii) F is the maternal uncle of D.
14. How is A related to D?
- (a) Cousin (b) Nephew
 - (c) Uncle (d) Brother
 - (e) None of these.
15. How is E related to F?
- (a) Sister (b) Daughter
 - (c) Niece (d) Wife
 - (e) Mother
16. How many nephews does F have?
- (a) None (b) One
 - (c) Two (d) Three
 - (e) More than three
17. (i) $A + B$ means A 'is the father of' B
(ii) $A - B$ means A 'is the wife of' B
(iii) $A \times B$ means A 'is the brother of' B
(iv) $A \div B$ means A 'is the daughter of' B.
If $A - C + B$, which of the following statements is true?
- (a) A is the mother of B
 - (b) B is the daughter of A
 - (c) A is the aunt of B
 - (d) A is the sister of B
 - (e) None of these
18. If (i) $P + Q$ means P 'is the husband of' Q
(ii) $P \div Q$ means P 'is the sister of' Q
(iii) $P \times Q$ means P 'is the son of' Q,
then which of the following shows that P is the daughter of Q?
- (a) $R \times Q \div P$ (b) $Q + R \times P$
 - (c) $S \times Q + R \div P$ (d) $P \div S \times Q$
 - (e) None of these
19. Pointing towards a boy, Veena said, "He is the son of my grandfather." How is that boy related to Veena?
- (a) Uncle (b) Brother
 - (c) Cousin (d) Data inadequate
 - (e) None of these

20. Introducing Reena, Monika said, "She is the only daughter of my father's only daughter." How is Monika related to Reena?
- (a) Aunt (b) Niece
 - (c) Cousin (d) Sister
 - (e) Mother
21. Pointing to Ketan, Namrata said, "He is the son of my father's only son." How is Ketan's mother related to Namrata?
- (a) Daughter (b) Aunt
 - (c) Sister (d) Sister-in-law
 - (e) None of these
22. Pointing to a woman, Naman said, "She is the daughter of the only child of my grandmother." How is the woman related to Naman?
- (a) Sister (b) Niece
 - (c) Cousin (d) Mother
 - (e) None of these
23. Pointing to Kapil, Shilpa said, "His mother's brother is the father of my son Ashish." How is Kapil related to Shilpa?
- (a) Sister-in-law (b) Nephew
 - (c) Niece (d) Aunt
 - (e) None of these
24. Pointing towards a girl in the picture, Sarita said, "She is the mother of Neha whose father is my son." How is Sarita related to the girl in the picture?
- (a) Mother (b) Aunt
 - (c) Cousin (d) Sister
 - (e) None of these
25. A family has a man, his wife, their four sons and their wives. The family of every son also has 3 sons and one daughter. Find out the total number of male members in the whole family.
- (a) 4 (b) 8
 - (c) 12 (d) 17
 - (e) 23

ANSWERS AND SOLUTIONS

1. (a) Father's wife means mother; mother's brother means uncle and uncle's son means cousin. So Mohan is Sohan's cousin.

2. (a) Father's wife means mother; mother's only son means himself and thus the girl is the daughter of the man.
3. (a) Only daughter of my mother means herself. So, the woman is the mother of the man.
4. (c) Only son of woman's grand father means woman's father; Man's brother's father means man's father. So the woman is the sister of the man.
5. (d) Ashmita's mother's mother is the man's mother. So Ashmita mother is man's sister i.e. Ashmita is the niece of the man.
6. (e) Only daughter of Kunal's mother means Kunal's sister. So, John's mother is Kunal's sister i.e. Kunal is the brother of John's mother i.e. John's maternal uncle.
7. (b) My grandfather's only son means my father. So, the girl is the daughter of Anil's father i.e. Anil is the brother of the girl.
8. (b) Sham is the brother of Ram and Ram is the son of Ramesh means that Sham is the son of Ramesh. Now Suresh is the father of Ramesh, therefore Sham is the grandson of Suresh.
9. (c) M is the brother of N and B is the brother of N means M is the brother of B.
10. (b) C is A's father's nephew implies C is the son of A's father's brother i.e. C is the cousin of A. D is also A's cousin. So D must be real brother or sister of C. But D is not the brother of C so D must be the sister of C.
11. (a) Jagat is the brother of Priya who is the daughter of Sachin, so, Jagat is the son of Sachin. Now, Rajan is the brother of Sachin, so, Rajan is the uncle of Jagat.
12. (d) A is the father of C and C is the sister of D means A is the father of D. Since D is the son of B so B is the mother of D and wife of A. Also, E is the brother of A so B is the sister-in-law of E.
13. (e) S is the daughter of P and sister of T, so T is the daughter of P. Now, the sister of P is the daughter of M so P is also the daughter of M. Thus, T is the grand daughter of M.

Hence, M is the Grand-father or Grand-mother of T.

14. (a) A is the son of B and D is the son of the sister of B. So A is the cousin of D.
15. (c) E is the daughter of C and D is the son of C. So, F, who is the maternal uncle of D, is also the maternal uncle of E. Therefore, E is the niece of F.
16. (c) F is, clearly, the maternal uncle of D, means F is the brother of D's mother i.e. F is the brother of C. C is the sister of B. So, F is the brother of B who is the mother of A. Thus F is the maternal uncle of A. So A and D are the nephews of F i.e. F has two nephews.
17. (a) $A - C + B$ means that A is the wife of C who is the father of B i.e. A is the mother of B.
18. (d) P is the daughter of Q means P is the sister of the son (say S) of Q i.e. $P \times S \times B$.
19. (b) Only son of grandfather means father; Son of the father means brother. So the boy is Veena's brother.
20. (e) Monika's father's only daughter means Monika herself. So Reena is Monika's daughter i.e. Monika is Reena's mother.
21. (d) Namrata's father's only son means Namrata's brother. So Ketan is the son of Namrata's brother. Thus Ketan's mother is the wife of Namrata's brother i.e. Namrata's sister-in-law.
22. (a) Only child of Naman's grandmother means Naman's father or mother. Daughter of Naman's father or mother i.e. Naman's sister.
23. (b) Father of Shilpa's son means Shilpa's husband. So Kapil is the son of Shilpa's husband. Thus Kapil is Shilpa's nephew.
24. (e) Neha is the daughter of Sarita's son, and the girl is Neha's mother. So, the girl is Sarita's son's wife i.e. Sarita is the girl's mother-in-law.
25. (d) The male members in the whole family are: (i) The man himself (ii) his (3×4) i.e. 12 grandsons (iii) his four sons
Hence total number of male members = $1 + 12 + 4 = 17$.