

Blood relations.

Logical Reasoning

3 types questions.

1. Direct type.
2. puzzle / family tree type.
3. Coded type.

Technique

If A is a boy @ male. A

If A is a girl @ female. A

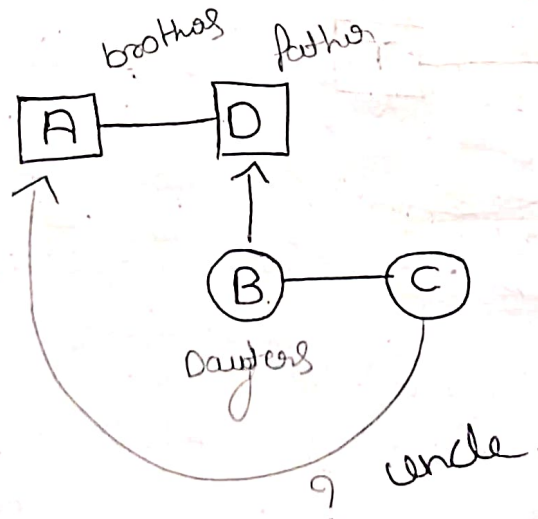
Husband — wife

brother — sister

Questions

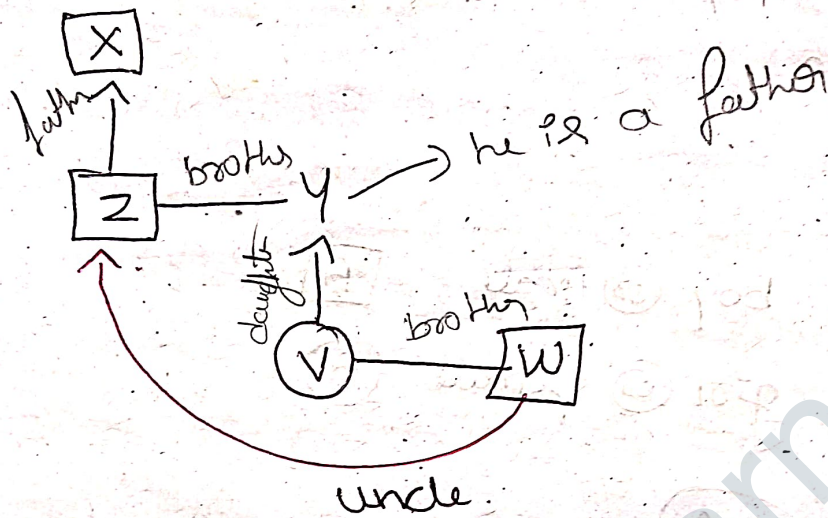
1. A is brother of D; D is father of B;
B and C are sisters; then how A is related to C?

Options: (a) SON, (b) ~~UNCLE~~, (c) FATHER, (d) GRANDSON



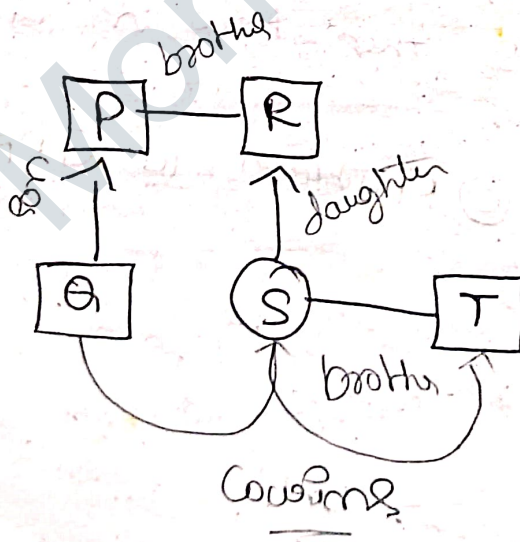
② Z is the brother of Y, V is the daughter of Y. X is the father of Z, W is the brother of V. Then the uncle of W is

- Ⓐ Z Ⓑ Y Ⓒ X Ⓓ V



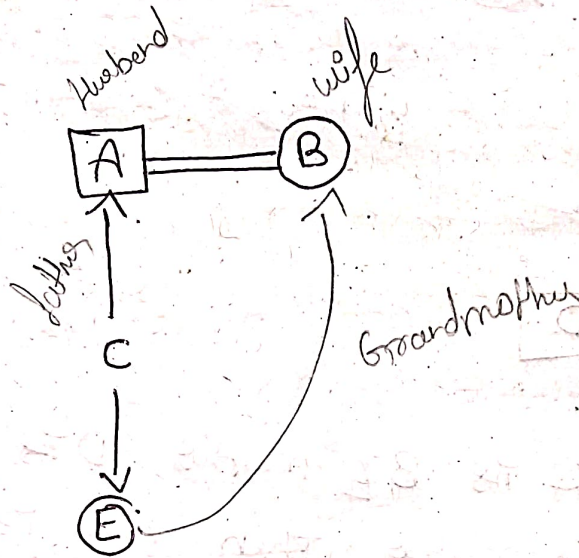
③ P and R are brothers, Q is son of P, T is brother of S, S is daughter of R. Then who is Cousin of Q.

- Ⓐ R and P Ⓑ Q and T Ⓒ S and T Ⓓ P and T



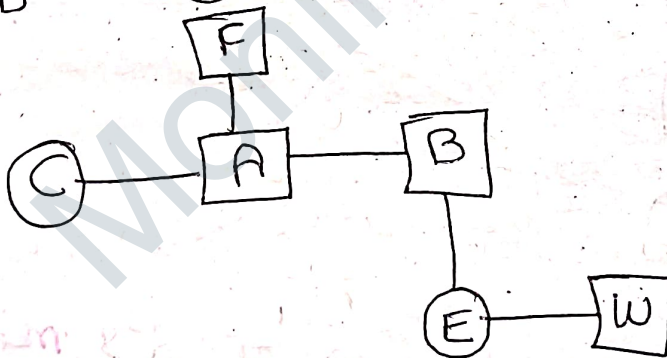
④ A is husband of B, E is daughter of C, A is father of C. How B is related to E?

- Ⓐ Mother ☒ Ⓑ Grandmother Ⓒ Aunt Ⓓ Cousin



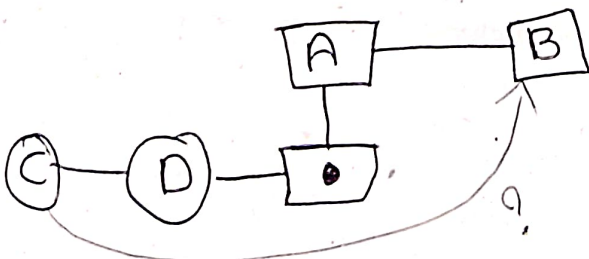
⑤ A and B are brothers, C is sister of A, W is brother of E, E is daughter of B, F is father of A. Who is uncle of W?

- Ⓐ B ☒ Ⓑ A Ⓒ C Ⓓ F



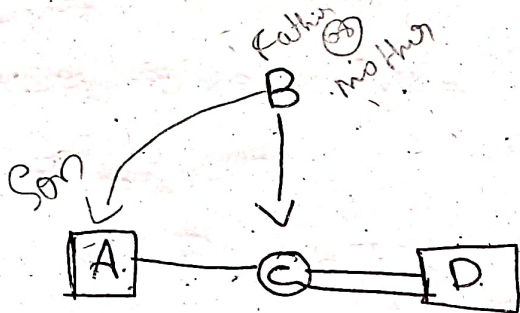
⑥ A and B are brothers. ~~and~~ C and D are sisters. A's son is D's brother. Then how is B related to C?

- Ⓐ Brother Ⓑ maternal uncle Ⓒ Brother in Law ☒ Ⓓ Paternal uncle



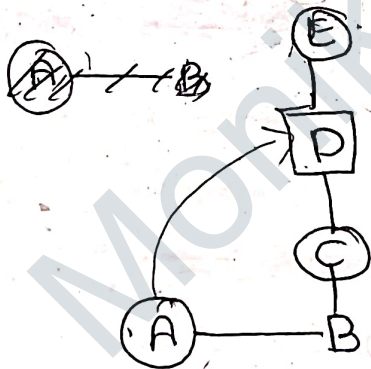
7) D is Son-in-law of B and brother-in-law of A, A is brother of C. Then how A is related to B.

- ☐ (a) Father
 ☐ (b) Brother
 ☒ (c) Son
 ☐ (d) Son-in-law



8) A is B's sister, C is B's mother, D is C's father, E is D's mother, then how is D related to A?

- ☒ (a) Grandfather
 ☐ (b) Grandmother
 ☐ (c) Daughter
 ☐ (d) Granddaughter



9) B's father is the only son of A's mother. How is B related to A?

- ☐ (a) A's Son-in-law
 ☐ (b) A's Brother
 ☒ (c) A's Father
 ☐ (d) A's Son

Coded type.

$A + B \rightarrow$ A is the brother of B.

$+$ $\rightarrow$ Brother.

$A \times B \rightarrow$ A is the father of B.

$\times$ $\rightarrow$ Father.

$A \div B \rightarrow$ A is the mother of B.

$\div$ $\rightarrow$ Mother.

$\boxed{A} \rightarrow$ male $\textcircled{A} \rightarrow$ female $\boxed{A} \text{ --- } B$
brothers.

$\textcircled{A} \text{ --- } B$ $\boxed{A} = \textcircled{B}$
Sisters

Questions

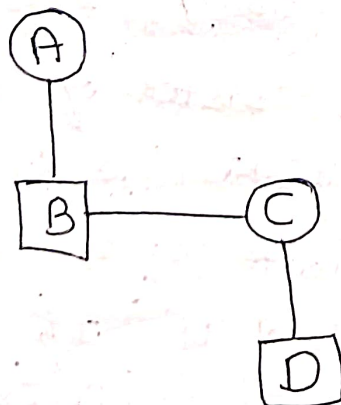
1. If $P \$ Q$ means P is the brother of Q.

$P \# Q$ means P is the mother of Q.

~~P~~ $P * Q$ means P is the daughter of Q.

In $A \# B \$ C * D$, who is the father?

- ~~(a) D~~ (b) C (c) B (d) data inadequate



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

$A \times B$ means A is son of B and.

$A-B$ means A is wife of B then.

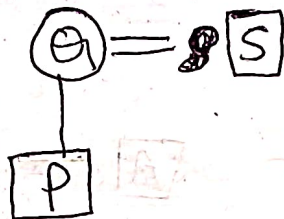
$P \times Q - S$

☒ (a) S is the father of P

(c) Q is P's father

(b) Q is S's daughter

(d) There are



3. If $C \& D$ means C is husband of D, $C \& D$ means C is mother of D and $C \% D$ means C is son of D. Then what is the meaning of

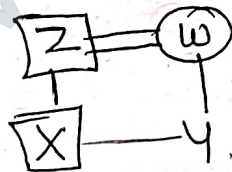
' $X \% Z \& W \% Y$ ', if W has only one son.

(a) X is the son of Y

(b) Y is the brother of X

(c) Y is the son of X

☒ (d) X is the brother of Y



(u) $P @ Q$ means P is the sister of Q.

' $P \# Q$ ' means P is the father of Q.

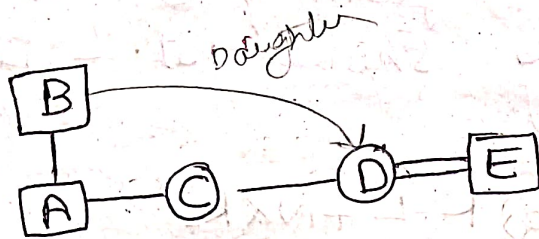
$P \& Q$ means P is the wife of Q. ' $P \% Q$ '

means 'P is the son of Q'. If

$A \% B \# C @ D \& E$. then how D is related to B.

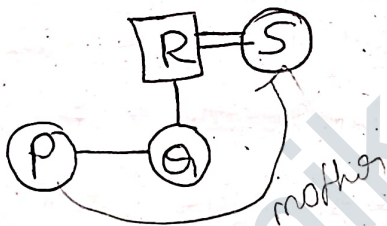
- a Daughter-in-law
 c wife

- b Daughter
 d Sister



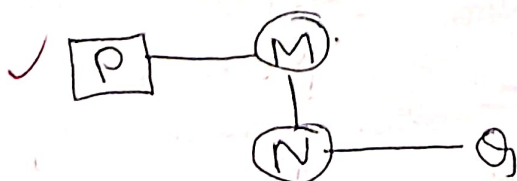
- 5) 'A\$B' means, A is the sister of B, 'A#B' means A is the husband of B and 'A*B' means A is the daughter of B then 'P\$Q *R#S' means

- a S is the mother of P b S is sister of P
 c S is sister-in-law of P d S is grandmother of P



- 6) 'AxB' means A is the mother of B, 'A|B' means A is the brother of B, 'A@B' means A is the sister of B, 'A% B' means A is the father of B. Based on the above information, which of the following means the maternal uncle?

- a P|M x N @ Q b Q % N @ M | P
 c Q / S % P d P x @ N | B



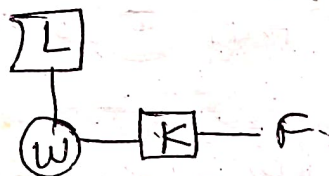
⑦ If 'A+B' means 'A is the brother of B',
 'A-B' means 'A is the sister of B',
 'A x B' means 'A is the father of B'. Then,
 which of the following shows that L is
 the father of K?

Ⓐ $N+K-F \times L$

Ⓑ $F-L+N \times K$

Ⓒ $K-N \times L+F$

~~Ⓓ $L \times W-K+F$~~

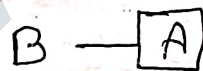


Family Tree Symbols

A is father of B



A is Brother of B



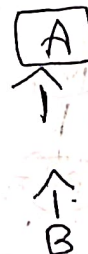
A is wife of B

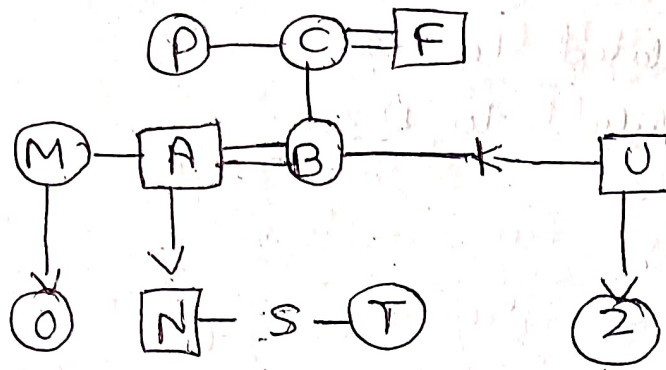


A is Son of B



A is grand father of B





Questions

① $A \rightarrow S$

son @ daughter

③ $F \rightarrow N$

Grand son

⑤ $K \rightarrow A$

Brother-in-law

⑦ $A \rightarrow K$

Brother-in-law

@

Sister-in-law

⑨ $A \rightarrow O$

Niece

② $N \rightarrow M$

aunt

④ $C \rightarrow S$

Grand daughter

@

Grand son

⑥ $B \rightarrow M$

Sister-in-law

⑧ $A \rightarrow F$

Father-in-law

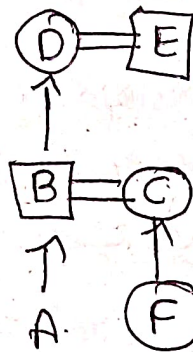
⑩ $N \rightarrow P$

Maternal Grand aunt

- ⑤ In a family of six persons A, B, C, D, E and F. They are two married couples.
- D is grandmother of A and mother of B.
 - C is wife of B and mother of F.
 - F is granddaughter of E.

Question

1. How is A related to F?
2. How is C related to D?
3. A is E's:



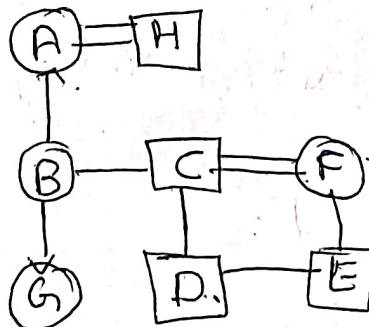
Ans

1. Sister or Brother
2. daughter-in-law
3. Grand Son or Grand daughter

⑨ A is mother of B. B is sister of C. E is brother of D. F is mother of E. G is daughter of B. H has only two children B & C.

Question

1. How F related to H?
2. How C related to E?
3. How B related to F.



Ans

1. Daughters - in-law.
2. Father.
3. Sister - in-law.

⑩ A is father of C. But C is not his son.
E is the daughter of C. F is the spouse
of A. B is brother of C. D is son of B.
G is spouse of B. H is father of G

Question

1. Who is grandmother of D?

Ans: - F.

2. Who is son of F?

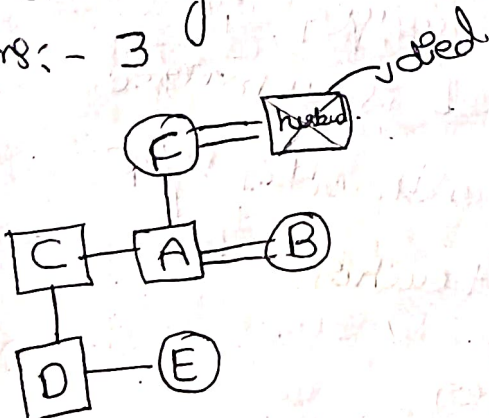
Ans: - B

⑪ In a family are six members A/B/C/D/E and F. A & B are married couple, A being a male member. D is the only son of C, who is the brother of A. E is sister of D. B is daughter - in-law of F, whose husband has died.
[F husband has died]

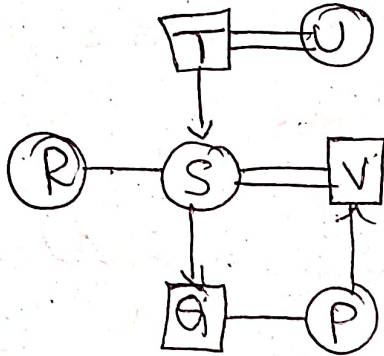
Question

1. How many male members are there?

Ans: - 3



12. There are 7 family members P, Q, R, S, T, U, and V. In which they are two married couples. P is sister of Q, who is maternal grandson of T. The father of S has two maternal grandchildren. R is sister-in-law of V, who is father of P. U is a female.

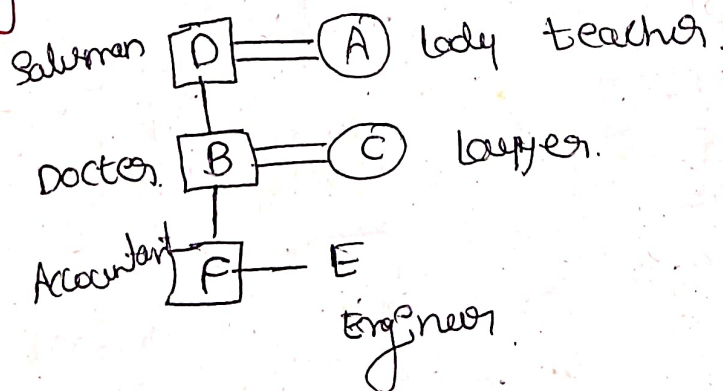


Question

1. who is husband of U?

Ans: - T

13) Salesman, engineer and accountant. There are two married couples in a family. D, the salesman married to lady teacher. The doctor is married to the lawyer. F, the accountant is the son of B and brother of E. C, the lawyer is daughter-in-law of A. E is unmarried engineer. A is the grandmother of F.



Question

1. What is profession of B?

Ans :- Doctor

Equation Based Questions

1. $A \times B$ A is sister of B.

$A + B$ A is mother of B.

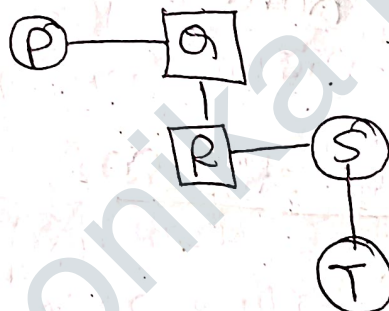
A / B A is father of B.

$A - B$ A is brother of B.

Question

$P \times Q / R - S + T$ Then P is T's?

- (a) Brother (b) Mother (c) Uncle (d) Grand aunt
(e) Cousin.



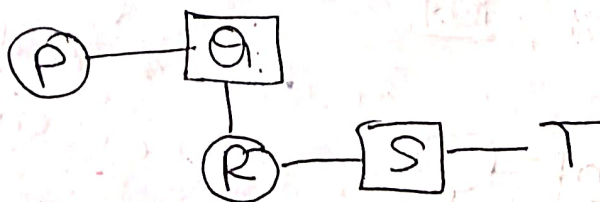
Q. Which of following is P is aunt of T?

(a) $P + Q - R \times S / T$

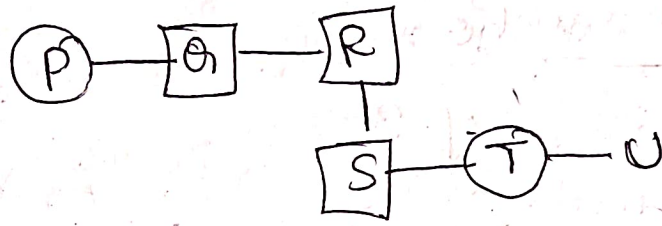
(b) $P - Q + R / S \times T$

✓ (c) $P \times Q / R \times S - T$

(d) $P / Q \times R + S - T$



- ③ $P * Q - R / S - T * U$ P is U's?
 (a) Father (b) mother (c) Aunt (d) mat. Aunt
 (e) Grand mother.



- ④ $A @ B \$ C * D$ How B is related to D?

$P \$ Q$ P is father of Q.
 $P * Q$ P is daughter of Q.
 $P @ Q$ P is sister of Q.

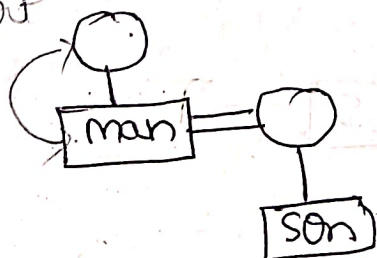
- (a) Husband (b) uncle (c) father.
 (d) Grand father (e) Aunt.

pointing to a unknown person

My → word is imp

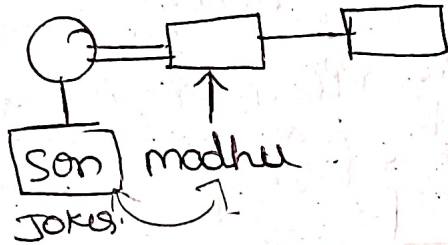
- ① pointing to a woman in a photograph a man says "she is the mother of the father of my wife's only son". How is the woman related to man?

first mark who is saying and then start with My word after that draws a family tree in the reverse order



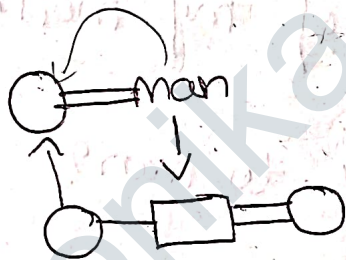
Ans:- mother.

2) pointing to a Joker, Madhu says
 "He is the son of my father's brother.
 Only sister-in-law".
 How Joker is related to Madhu?



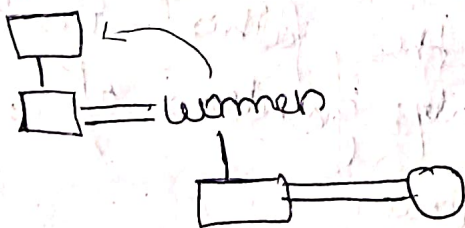
Ans:- Brother.

3) pointing to a women in a photograph a man says "she is the mother of my daughter-in-law's husband only sister".
 How women is related to man?



Ans:- wife.

4) pointing to a man in a photograph a women says "He is the father of my only daughter-in-law's father-in-law". How man is related to women?

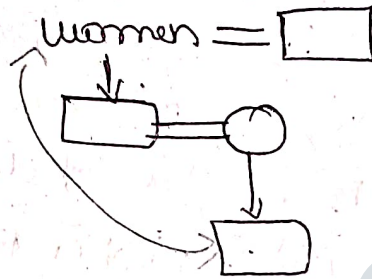


Answer :- Father-in-law

⑤ pointing to a man in a photograph a woman says "He is the only son of the only daughter-in-law of my only son's father."

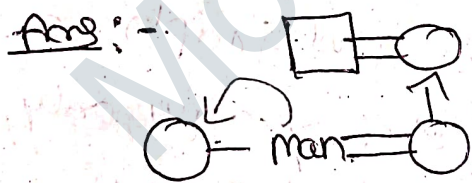
How man is related to woman?

Ans: - Grand Son.



⑥ pointing to a woman in a photograph a man says "She is the sister-in-law of the only daughter of my mother-in-law's husband."

How woman is related to man?

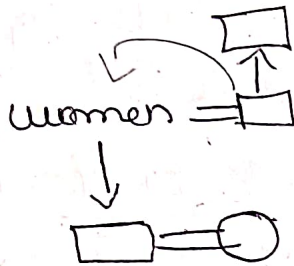


Sister.

⑦ pointing to a man in a photograph a woman says "He is the father-in-law of the wife of the only grandson of my own father-in-law."

How man related to woman?

Ans:- Husband.

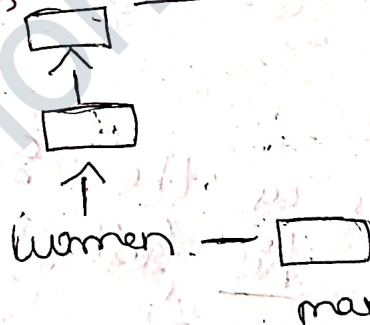


⑧ pointing to a lady Arun said, "she is the mother of my brother's son's wife".
How lady related to brother's son?

Ans:- mother-in-law

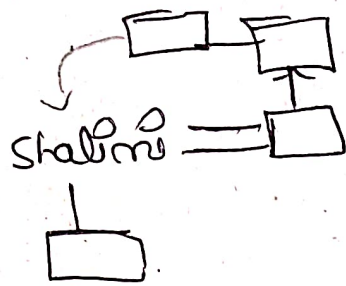


⑨ pointing to a man in a photograph a woman said, "His brother father is the only son of my grandfather".
How is woman related to man?



Ans:- sister.

⑩ pointing to a gentleman, Shalini says "His only brother is the father of my son's father". How gentleman related to Shalini?



Ans: uncle - Pm - law

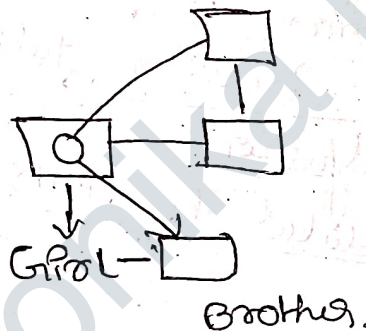
without my word. Instead (she/he/him/her) (08)

①

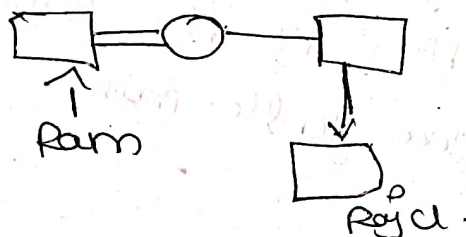
Son's, daughter's father's brother,

A Girl introduced a Boy as the Son of the daughter of the father of her uncle. How is boy related to the girl?

Ⓐ Nephew Ⓑ Brother Ⓒ Uncle Ⓓ Son

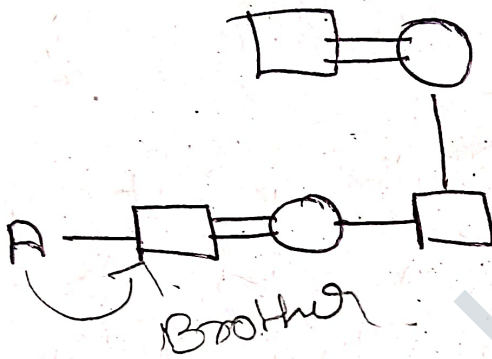


② Ram introduced Raju as the Son of the only brother of his father's wife. How Ram related to Raju?



Ⓐ Cousin Ⓑ Brother Ⓒ Uncle Ⓓ Father

③ A's brother's wife's brother's mother's husband is related to A as,
 only daughter's husband is related to A as,
 (A) Brother (B) Cousin (C) Father (D) Son



(4) pointing to a photograph of a boy Suresh.
 said, "He is the son of the only son of
my mother! How is Suresh related to the boy?"

Ans :- Father

