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Blood Relation Quiz 37

Directions: Study the following information carefully and answer the questions given beside:

There were 8 persons – A, B, C, D, E, F, G and H sitting in a car each of them was related to each other in some way. They belonged to three different generations. Each child had either both or none of his parents alive.

The following information is also known about them:

H was D's mother-in-law. D's daughter had no siblings. A was F's sister. G was the only brother-in-law of F. F's spouse had no siblings. E was the grandson of B. B's daughter was married to C's father.

1. How is F's brother in law related to B's grandson?

- A. Husband B. Son C. Brother D. Father E. None of these

2. How is A's spouse related to D?

- A. Brother B. Husband of sister-in-law C. Wife of brother-in-law
D. Sister-in-law E. None of these

3. How is D's daughter related to E?

- A. Niece B. Aunt C. Cousin brother D. Cousin sister E. None of these

Directions: Read the following family blood relation carefully and answer the questions given thereof:

Priti is showing her family album to her friend. Pointing to a boy, Priti said "His name is Sachin and he is the only grandson of my grandfather". She also showed photo of her grandfather's two sons namely Jatin and Samarth, and she also told her friend that her grandfather has only two sons, no daughter.

Priti while pointing towards a lady in the picture said "she is my mother Sheetal who is standing with her brother-in-law Jatin and his wife Chetana". Priti also showed picture of her only sibling (sister) Rachna.

4. Sachin is Chetana's _____.

- A. brother B. daughter C. son D. husband E. Cannot be determined

5. Rachna is Jatin's _____ .

- A. daughter B. son C. niece D. nephew E. uncle

6. How many boys are there in the third generation (in which Priti is born)?

- A. 1 B. 2 C. 3 D. cannot be determined E. None of these

7. How is Chetana related to Priti's Grandfather?

- A. daughter-in-law B. father-in-law C. daughter D. aunty E. None of these

8. If A1B means A is the father of B, A2B means A is the mother of B, A3B means A is the brother of B and A4B means A is the sister of B then which of the following expressions states H to be maternal uncle of V?

- A. H4S2T4V1O B. V1S2E3H1T C. O1H3S2I4V D. Both options A and C E. Both options B and C

9. How is V related to H if G is the father of V, who is the only son of T? It is also known that T is the grandmother of H, but not the mother of S. S is the spouse of P, whose son is H.

- A. Nephew B. Niece C. Maternal Uncle D. Paternal Uncle E. Can't be determined

10. In a family of 8 persons, B is the father of G, who is the only son of C. D is the brother of R, who is the spouse of E. P is the grandson of C. Only married persons can have children. Q is the daughter of R. C is the mother of E. How is P related to R?

- A. Grandson B. Brother C. Son D. Uncle E. Nephew

Correct Answers:

1	2	3	4	5	6	7	8	9	10
D	B	D	C	C	A	A	C	C	C

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Common Explanation (1-3):

Reference:

H was D's mother-in-law. D's daughter had no siblings.

Inference:

Using the above information we can make a following diagram.



With the above hint we can also figure out that D has only one child and she is a girl.

Reference:

E was the grandson of B.

Inference:

After using the given hint we can make a following diagram:



Reference:

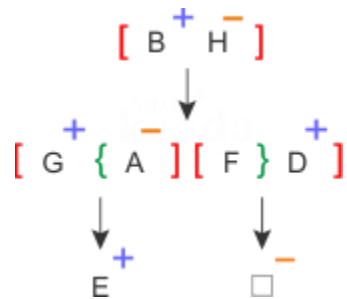
A was F's sister. G was the only brother-in-law of F. F's spouse had no siblings.

Inference:

With the given information we can make a following diagram:



At this point we have established that both B and H belong to the first generation of the family. And we already know that each child has both of its parents alive or dead so B and H must be husband and wife. And as D has only one daughter so E must be the child of B and H's Second child. And the above figure can be redrawn:

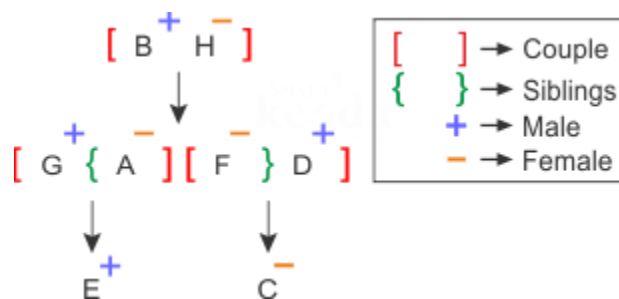


Reference:

B's daughter was married to C's father.

Inference:

Using the given information we can complete the blood tree. And the final blood tree can be drawn as:



1. Following the final solution we can say that F's brother in law is the father of B's grandson.

Hence, the correct answer is option D.

2. Following the final solution we can say that A's spouse (G) is the husband of D's sister-in-law (A).

Hence, the correct answer is option B.

3. Following the final solution we can say that D's daughter is the cousin sister of E.

Hence, the correct answer is option D.

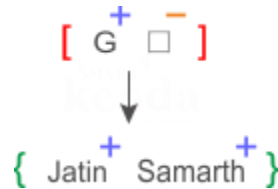
Common Explanation (4-7):

Reference:

She also showed photo of her grandfather's two sons namely Jatin and Samarth, and she also told her friend that her grandfather has only two sons, no daughter.

Inference:

This information is simple to plot. Let her grandfather's name is 'G'.



Reference:

Priti while pointing towards a lady in the picture said "she is my mother Sheetal who is standing with her brother-in-law Jatin and his wife Chetana"

Inference:

Sheetal is mother of Priti and wife of Samarth.



Reference:

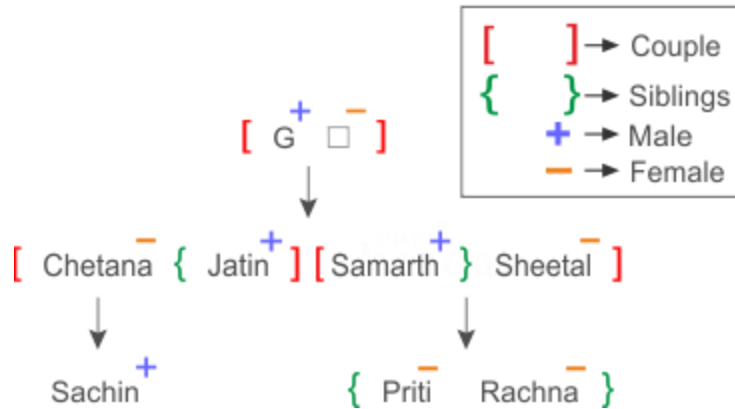
Priti is showing her family album to her friend. Pointing to a boy, Priti said "His name is Sachin and he is the only grandson of my grandfather"

Priti also showed picture of her only sister Rachna.

Inference:

Priti and Rachna are sisters. Sachin is a boy and cousin of Priti and Rachna.

Final family tree:



4. From final family tree we can directly read that Sachin is son of Chetana.

Option (C) is correct.

5. From final family tree we can directly read that Rachna is niece of Jatin.

Option (C) is correct.

6. From the statement Pointing to a boy, Priti said "His name is Sachin and he is the only grandson of my grandfather".

It is clear that Sachin has no brother and therefore he is only boy in the third generation.

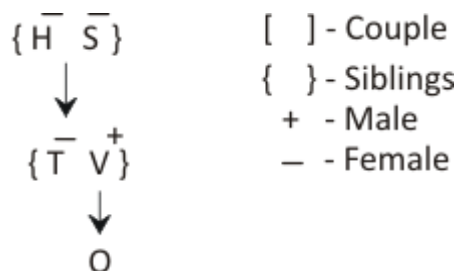
Option (A) is correct.

7. From the final family tree, we see that Chetana is daughter-in-law of Priti's Grandfather.

Option (A) is correct.

8. Option A: H4S2T4V1O

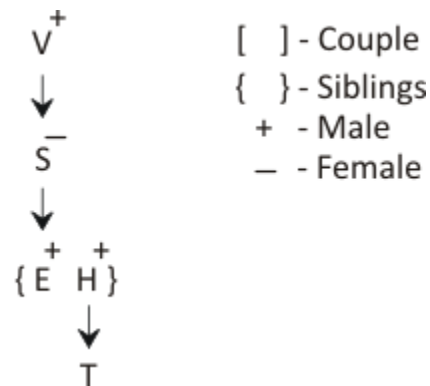
H is the sister of S. S is the mother of T. T is the sister of V. V is the father of O.



Here H is the maternal aunt of V not uncle.

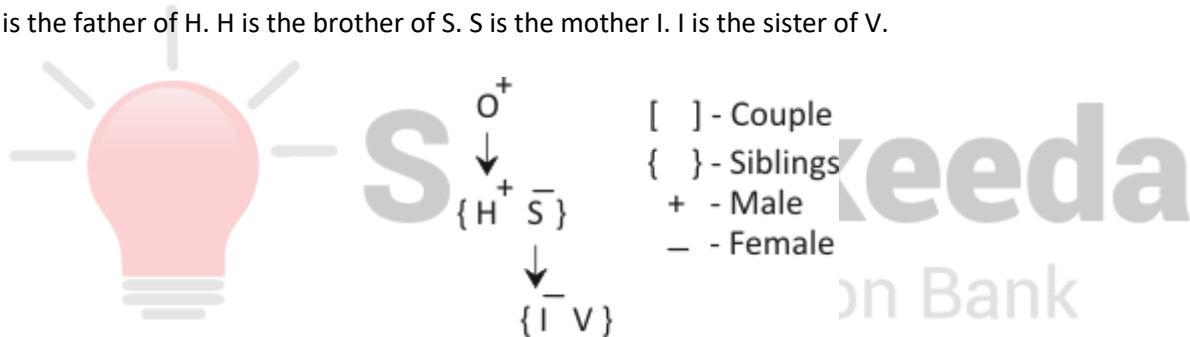
Option B: V1S2E3H1T

V is the father of S. S is the mother of E. E is the brother of H. H is the father of T.



Option C: O1H3S2I4V

O is the father of H. H is the brother of S. S is the mother I. I is the sister of V.

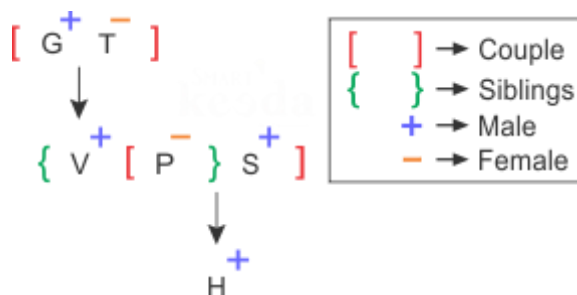


Thus H is the maternal uncle of V.

Hence option C is correct.

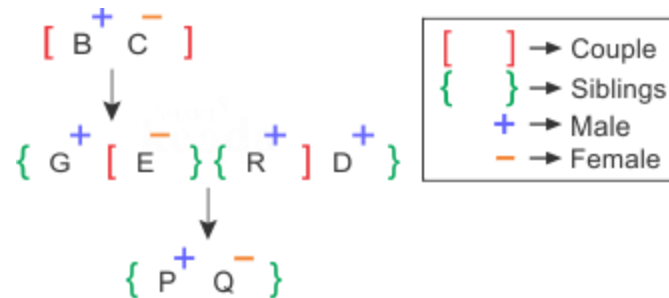
9. As V is the only son of G and T and T is the grandmother of H, who is the son of P and S, but T is not the mother of S, thus T must be the mother of P.

So, P must be the daughter of T, thus V is the maternal uncle of H.



Hence option C is correct.

10. Following family tree can be drawn with the given hints.



Thus P is the son of R.

Hence option C is correct.



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