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Blood Relations Quiz 7

Directions: Study the following set of questions carefully and answer the questions given below.

A family of 10 members over three generations goes to a picnic. Kapil is the father of Bobby and has only one son. Ratna is the son-in-law of Atma and the father of Jetha. Sonu is the uncle of Champa. Charu is the aunt of Babita, who is the daughter of Daya. Daya is the daughter-in-law of Kapil. Atma is the mother of Charu who has two children. Each child has both of its parents alive.

1. Four of the following five are alike in the certain way and so form a group. Which is the one that does not belong to the group?

A. Bobby B. Daya C. Sonu D. Charu E. Ratna

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

A. 2 B. 3 C. 4 D. 5 E. Can't be determined

3. How is Jetha related to Atma?

A. Mother B. Grandmother C. Grandson D. Granddaughter E. Either C or D

4. How many married couples are there in the family?

A. 1 B. 2 C. 3 D. 4 E. Can't be determined

5. How is Kapil related to Champa?

A. Father in law B. Father C. Grandfather D. Brother E. None of these

Correct Answers:

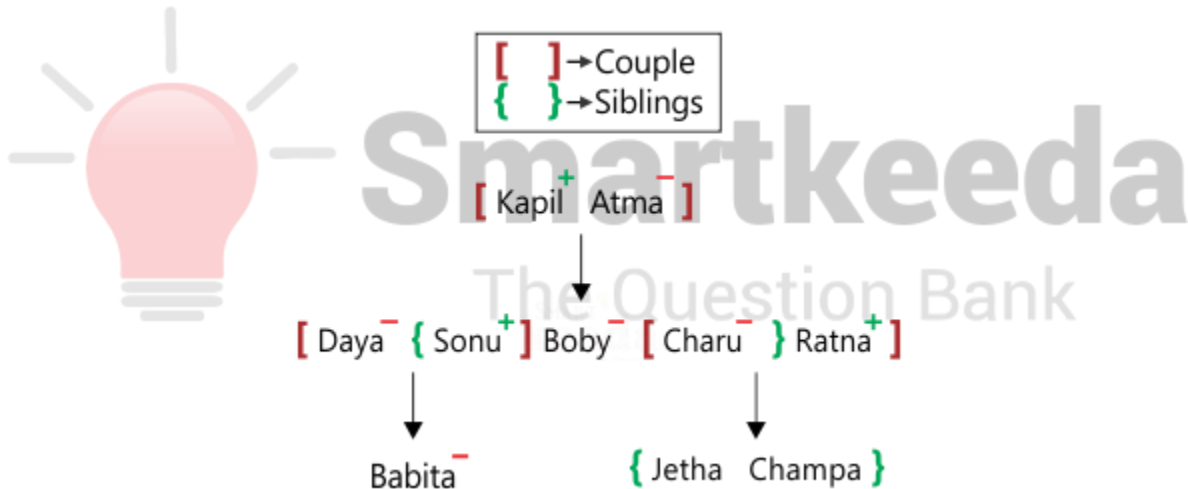
1	2	3	4	5
A	E	E	C	C

Explanations:

1.

Following the final solution we can say that Bobby is the one that does not belong to the group because all the other persons are couples but Charu is unmarried.

Hence, the correct answer is option A.



Common Explanation:

Reference:

Kapil is the father of Bobby and has only one son.

Daya is the daughter in law of Kapil.

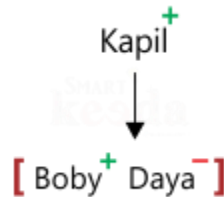
Inference:

Studying the given information, we can see that there are two possible cases for Kapil and Bobby. Let's see them one by one:

Case 1:

Boby is the only son of Kapil. If Boby is the only son of Kapil then we can easily say that Daya is the Wife of Boby.

Case - I

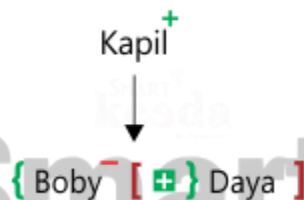


Case 2:

Boby is not the only son of Kapil.

If Boby is not the only son of Kapil then she is the sister in law of Daya.

Case - II



Reference:

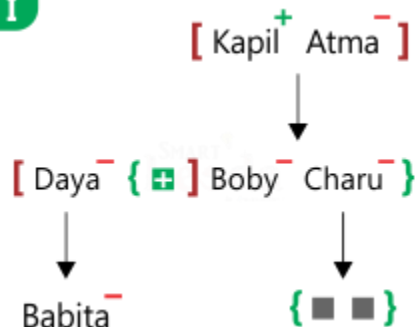
Charu is the aunt of Babita, who is the daughter of Daya

Charu is the daughter of Atma with two children.

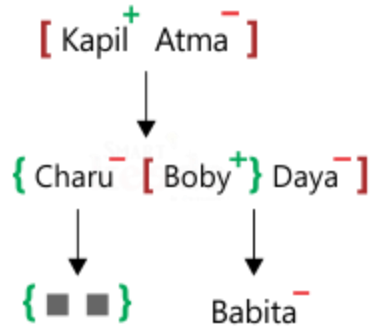
Inference:

We can use this information in both of our cases and here we can also say that Atma is the wife of Kapil.

Case - I



Case - II



Reference:

Ratna is the son-in-law of Atma and the father of Jetha.

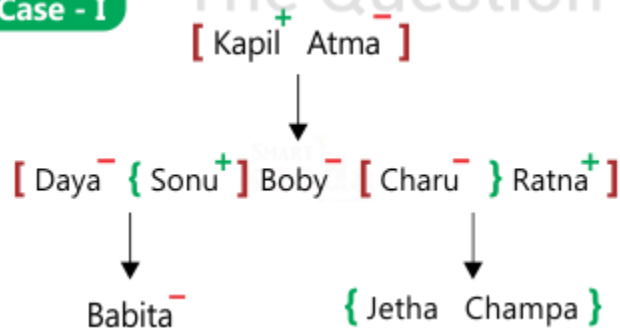
Sonu is the uncle of Champa.

Each child has both of its parents alive.

Inference:

Here, we cannot establish Sonu as the uncle of Champa in our case 2 without contradicting the given information. So from now on we will not continue our Case 2. And now we can easily place the above persons in Case 1 and can say that Sonu is the husband of Daya and, Jetha and Champa are the children of Charu and Ratna.

Case - I

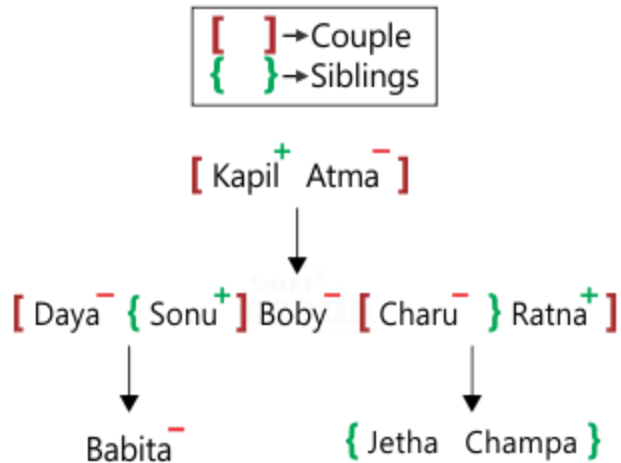


2.

Following the common explanation we can say that the genders of Champa and Jetha are Still unknown.

Therefore, we cannot exactly determine how many male members are there in the family.

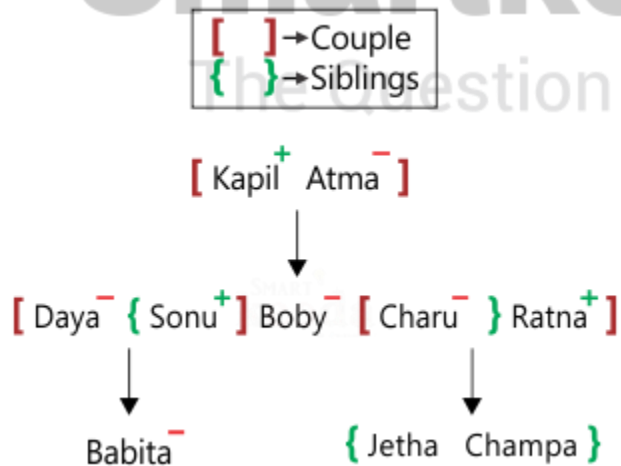
Hence, the correct answer is option E.



3.

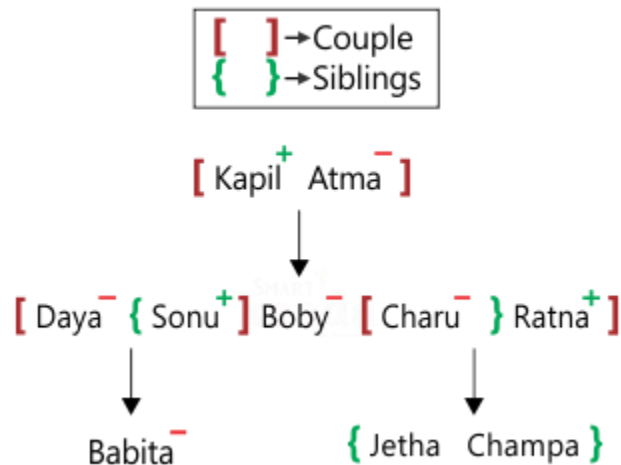
Following the final solution we can say that Jetha can either be the Grandson or the Granddaughter of Atma.

Hence, the correct answer is option E.



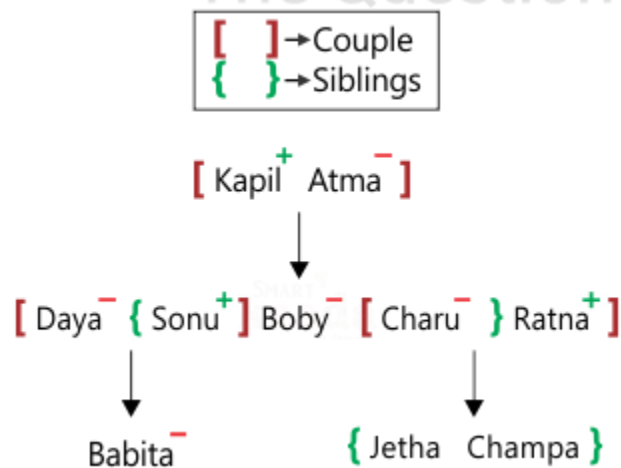
4.

Following the final solution we can say that there are 3 married couples in the family. Hence, the correct answer is option C.



5.

Following the final solution we can say that Kapil is the grandfather of Champa. Hence, the correct answer is option C.





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