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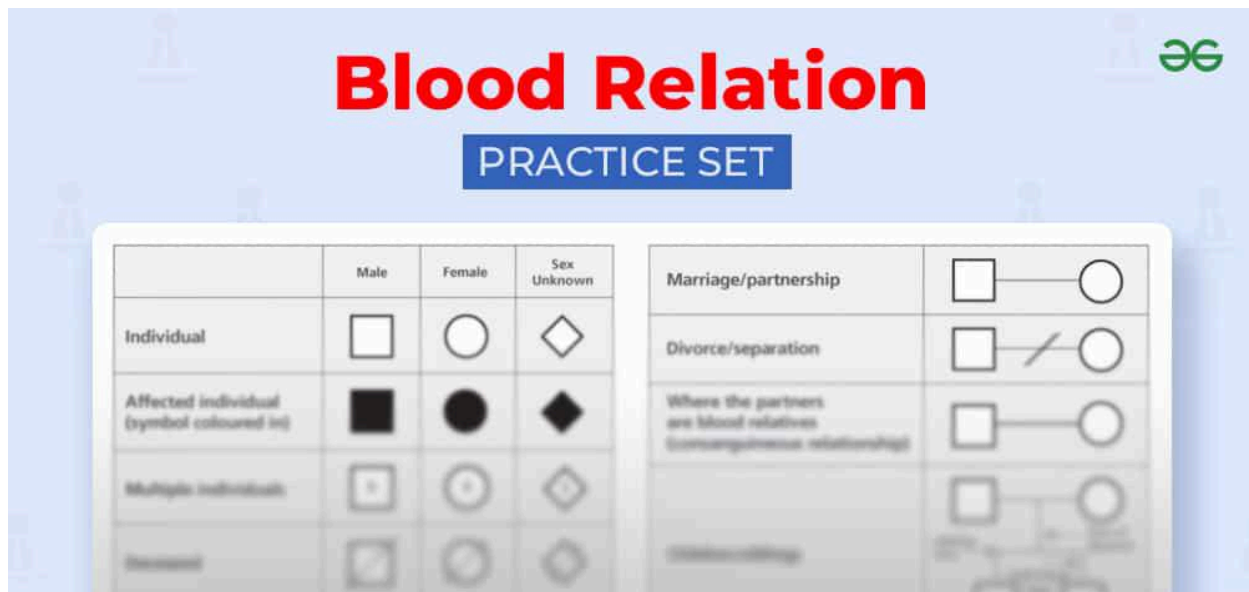# Blood Relation Reasoning Question : Concepts, Tips and Tricks

Last Updated : 16 Apr, 2025

Blood relation reasoning involves in reaching the conclusion by applying the rules of relationships within a family structure, often through direct or coded questions, and mastering it requires understanding familial connections and practicing logical deductions.

A blood relation test, also known as a **"Blood Relation Problem"** is a type of puzzle that tests a person's ability to understand and reason about the relationships between different members of a family. Reasoning questions on blood relations are asked in many competitive exams like SBI PO, Railway Recruitment Board (NTPC), Railway Recruitment Board Assistant Loco Pilot (ALP), IBPS Regional Rural Banks (RRB) and many others

In this article, We have covered the Concepts for Blood relation reasoning, types of blood relations, and tips for solving good relation reasoning questions. Practice questions and many more.

Let's dive into the concepts of blood relation reasoning.

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Understanding Blood Relation Concepts

In reasoning , Blood relation is one of the most asked questions in competitive exams. To Understand the blood relation concepts, We must have the full grasp over the relationships and connections within a family which is given as the following:

1. **Parental Relations:**
   - *Father (F), Mother (M)*

2. **Siblings:**
   - *Brother (B), Sister (S)*

3. **Grandparents:**
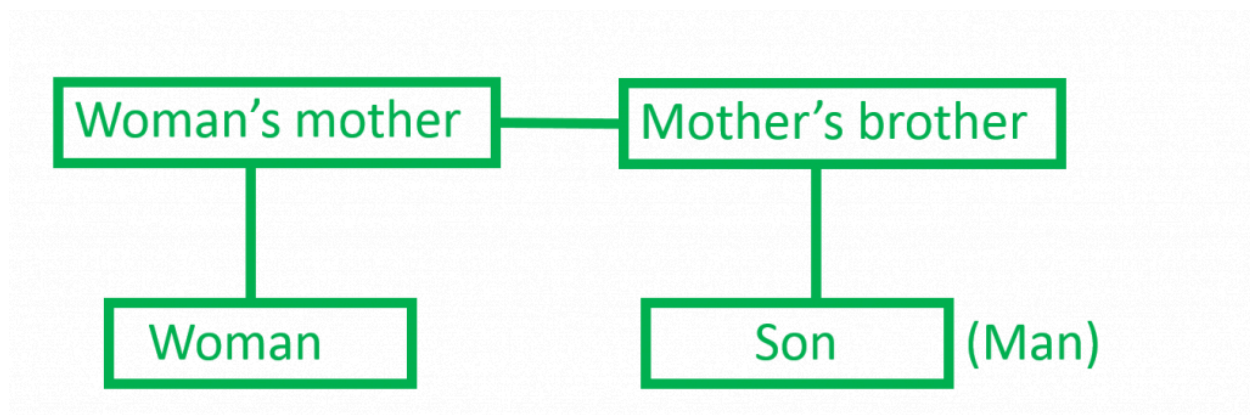
- *Husband (H), Wife (W)*

5. **Children:**

- *Son (S), Daughter (D)*

While solving reasoning question on Blood Relation , Visualizing relationships through family trees is a common method to understand the questions better.

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Common Types of Blood Relation Questions

1. Pointing or Introducing

In these questions, individuals are introduced or described using their relationships to others. The goal is to identify the relationship between the individuals mentioned.

Example: A woman introduces a man as her "father's brother's son." How is the man related to the woman's father?

2. Family Tree

These questions provide a diagram of a family tree, and you're asked to determine relationships based on the given information.

Example: In a family tree, A is the father of B, B is the sister of C, and C is the mother of D. What is the relationship between A and D?

3. Coded Relations

In these questions, relationships are represented by codes, and you're given a set of rules or equations to decipher the codes.

Example: In a coded blood relation system, M represents Mother, F represents Father, S represents Son, and D represents Daughter. Translate the code MFS: FMSD.

4. Mixed Blood Relations

Example: A man points to a woman in a photograph and says, "Her mother's brother is my mother's father's only son." How is the girl's mother related to the man?

5. Puzzle-Based Blood Relation

These questions present a puzzle or scenario involving blood relations and require you to solve the puzzle using logical reasoning.

Example: *In a family of six, there are three generations. The grandfather has two sons and one daughter. Each son has two children, and the daughter has one child. How many grandchildren does the grandfather have?*

6. Single-Person Blood Relation

These questions focus on determining the relationship between a single individual and another person based on the given information.

Example: *A woman says, "My brother's son's sister is my niece." What is the relationship between the woman and her niece?*

Tips for Blood Relation Reasoning Questions

The following are the tips and tricks for solving Questions on Blood relations.

Tip No 1. Considering "Me" as the Introducing Person

This is a crucial tip, especially for questions where individuals are introduced relative to the speaker. By assuming the role of the speaker, you can easily determine the relationships between the mentioned individuals.

Tip No 2. Checking All Options Carefully in Coded Relations

information to narrow down the correct answer.

Tip No 3. Avoiding Gender Assumptions

Unless explicitly stated, never assume a person's gender based on their name. Stick to the provided information to avoid erroneous conclusions.

Tip No 4. Interpreting "Only Son" or "Only Daughter"

"Only son" or "only daughter" doesn't necessarily mean an individual has no other siblings. They could have one or more siblings of the opposite gender.

Tip No 5. Identifying the Two Persons of Interest

Determine the two individuals whose relationship needs to be established. Then, analyze the relationships between other family members to identify the connection between the two.

Tip No 6. Correlating Given Relations with Personal Relations

Connect the relationships mentioned in the question with personal relationships you're familiar with. This enhances understanding and simplifies the problem-solving process.
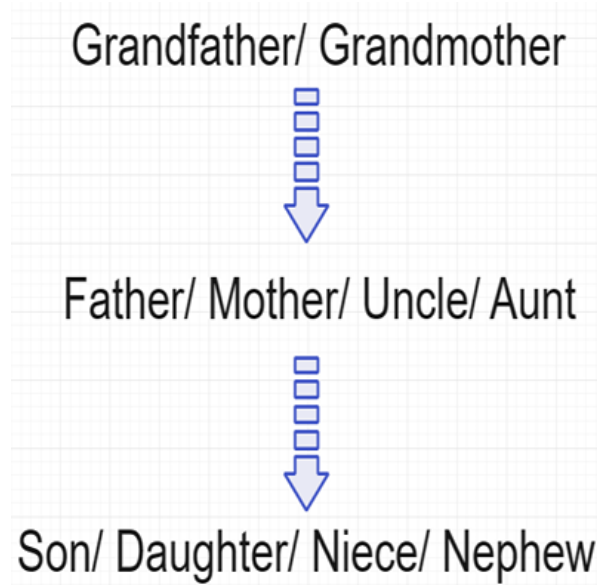
Tip No 7. Utilizing Pictorial Representation

Visualizing relationships through diagrams or family trees is an effective strategy. It helps organize the information and facilitates a systematic approach to solving the problem.

Remember, consistent practice and exposure to diverse blood relation problems will significantly improve your problem-solving skills.

The following are the different terms used in blood relations reasoning question:

Relationship	Terms Used
Father's son/Mother's son	Brother
Father's daughter/Mother's daughter	Sister
Mother's brother (younger/elder)	Maternal Uncle
Father's brother (younger/elder)	Paternal Uncle
Father's sister (younger/elder)	Maternal Aunt
Mother's sister (younger/elder)	Paternal Aunt
Son's wife	Daughter-in-law
Daughter's husband	Son-in-law

Relationship	Terms Used
Brother's wife	Sister-in-law
Husband's brother/Wife's brother	Brother-in-law
Husband's sister/Wife's sister	Sister-in-law
Husband's father/Wife's father	Father-in-law
Husband's mother/Wife's mother	Mother-in-law
Brother's son/Sister's son	Nephew
Brother's daughter/Sister's daughter	Niece
Uncle's daughter/Aunt's daughter	Cousin
Uncle's son/Aunt's son	Cousin
Father's father	Paternal Grandfather
Mother's father	Maternal Grandfather
Father's mother	Paternal Grandmother
Mother's mother	Maternal Grandmother
Father of grandfather /father of grandmother	Great grandfather
Mother of grandfather/Mother of	

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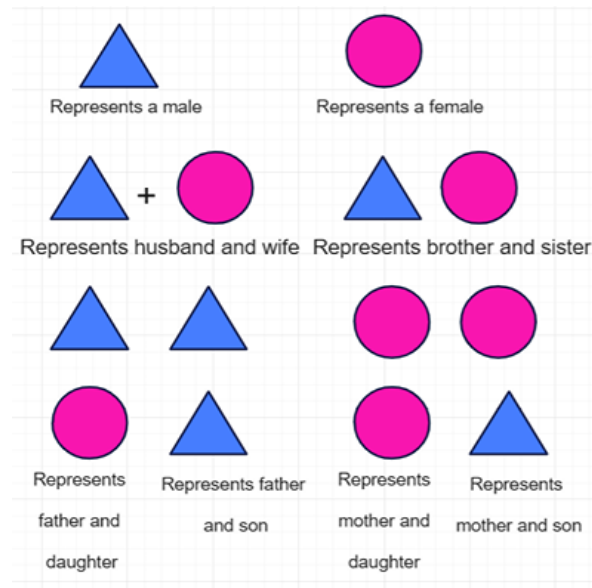
Sample Blood Relation Reasoning Questions

You can also used different symbols for conveniency while solving blood relation reasoning Problems.

Question 1. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

(a) Brother

(b) Uncle

(c) Nephew

(d) Cousin

Answer: (d) Cousin

Explanation:

Woman's mother's brother is her maternal uncle.

The man is the son of her maternal uncle => Cousin .

Question 2. If A is the brother of B, C is the sister of B, and B is the father of D, how is D related to A?

(b) Niece

(c) Nephew

(d) Cousin

Answer: (a) Nephew/Niece

Explanation:

> *A is the brother of B => A and B are siblings.*
>
> *C is the sister of B => A,B,C are siblings.*
>
> *B is the father of D => D is nephew / niece for both A and B*

Question 3. If A is the mother of B, B is the son of C, and C is the brother of D, how is D related to A?

(a) Brother-in-law

(b) Uncle

(c) Nephew

(d) Cousin

Answer: (a) Brother-in-law

Explanation:

> *A is the mother of B => A is a female.*
>
> *B is the son of C => C is a parent (Mother/Father) of B.*
>
> *C is the brother of D => C is a male and C is B's Father => D is B's Uncle/Aunt and A's Brother-in-law/Sister-in-law*

Question 4. If A is the sister of B, B is the daughter of C, and C is the wife of D, how is D related to A?

(a) Father

(d) Cousin

Answer: (a) Father

Explanation:

> *A is the sister of B => A and B are siblings.*
> *B is the daughter of C => C is the mother of A and B .*
> *C is the wife of D => D is husband to C => D is A's and B's Father.*

Question 5. If A is the husband of B, B is the mother of C, and C is the wife of D, how is A related to D?

(a) Father-in-law

(b) Grandfather

(c) Nephew

(d) Cousin

Answer: (a) Father-in-law

Explanation:

> *A is husband of B.*
> *B is mother of C => A is father of C.*
> *C is wife of D => D is son-in-law of A / A is father-in-law of D.*

Question 6. If A is the brother of B, B is the son of C, and C is the daughter of D, how is D related to A?

(a) Uncle

(b) Grandfather

(c) Nephew

Explanation:

A is brother of B => A and B are siblings.

B is the son of C => C is a parent(Mother/Father) of A and B .

C is the daughter of D => C is mother of A and B => D is grandparent (Grandfather/Grandmother) to A.

Question 7. If A is the sister of B, B is the daughter of C, C is the wife of D, and D is the brother of E, how is E related to A?

(a) Uncle

(b) Grandfather

(c) Nephew

(d) Cousin

Answer: (a) Uncle

Explanation:

A is sister of B => A and B are siblings.
B is the daughter of C => C is a Parent(Mother/Father) of A and B.
C is the wife of D => C is the mother and D is the father of A and B.
D is the brother of E => E is Paternal Uncle/Aunt for A and B.

Question 8. If A is the brother of B, B is the son of C, C is the daughter of D, and D is the wife of E, how is E related to B?

(a) Uncle

(b) Grandfather

(c) Mother

(d) Grandmother

Explanation:

> *A is brother of B => A and B are siblings.*
>
> *B is the son of C => C is a Parent of A and B.*
>
> *C is the daughter of D => C is mother of A and B => D is Maternal Grandparent for A and B.*
>
> *D is the wife of E => D is the Maternal Grandmother and E is the Maternal Grandfather for A and B.*

Question 9. If A is the sister of B, B is the daughter of C, C is the wife of D, and D is the brother of E, how is E related to C?

(a) Brother-in-law

(b) Grandfather

(c) Nephew

(d) Cousin

Answer: (a) Brother-in-law

Explanation:

> *A is sister of B => A and B are siblings.*
>
> *B is daughter of C => C is parent for A and B.*
>
> *C is wife of D => C is mother and D is father for A and B.*
>
> *D is brother of E => E is Brother-in-law/Sister - in -law for C.*

Question 10. Introducing a boy, a girl said, "He is the only son of my mother's mother. How is the girl related to the boy?

(a) Mother

(b) Aunt

Answer: (c) Niece

Explanation:

Son of my Mother's Mother => Son of my Grandmother => The boy is her Maternal Uncle / She is the boy's niece.

Related Resources:

- **Ordering of Sentences**
- Completing Statements

Conclusion

Blood relation test is very important verbal reasoning topic, and many questions are asked in aptitude section of competitive examinations.

To improve the your understanding on blood relation puzzles, you should practice more questions on blood relations. Blood relation test can get you crucial marks in exams and should not in ignored.

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