Practice Questions for Blood Relation

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| Question | If A + B means A is the mother of B; A - B means A is the brother B; A % B means A is the father of B and A x B means A is the sister of B, which of the following shows that P is the maternal uncle of Q? |
| Option A | Q - N + M x P |
| Option B | P + S x N - Q |
| Option C | P - M + N x Q |
| Option D | Q - S % P |
| Answer | Option C |
| Explanation | P - M → P is the brother of M  M + N → M is the mother of N  N x Q → N is the sister of Q  Therefore, P is the maternal uncle of Q. |

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| Question | If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A? |
| Option A | Brother |
| Option B | Sister |
| Option C | Nephew |
| Option D | Cannot be determined |
| Answer | Option D |
| Explanation | If D is Male, the answer is Nephew.  If D is Female, the answer is Niece.  As the sex of D is not known, hence, the relation between D and A cannot be determined.  Note: Niece - A daughter of one's brother or sister, or of one's brother-in-law or sister-in-law. Nephew - A son of one's brother or sister, or of one's brother-in-law or sister-in-law. |

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| Question | Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl? |
| Option A | Brother |
| Option B | Nephew |
| Option C | Uncle |
| Option D | Sister-in law |
| Answer | Option A |
| Explanation | The father of the boy's uncle → the grandfather of the boy and daughter of the grandfather → sister of father. |

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| Question | If A + B means A is the brother of B; A x B means A is the son of B; and A % B means B is the daughter of A then which of the following means M is the maternal uncle of N? |
| Option A | M + O x N |
| Option B | M % O x N + P |
| Option C | M + O % N |
| Option D | None of these |
| Answer | Option D |
| Explanation | Because the sex of O is not known. |

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| Question | If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?   1. The son of D is the grandson of C. 2. B is the sister of D. |
| Option A | Only 1 |
| Option B | Only 2 |
| Option C | Either 1 or 2 |
| Option D | 1 and 2 both are required |
| Answer | Option D |
| Explanation | Given: D is the brother of B.  From statement 1, we can detect that D is son of C (son of D is the grandson of C).  From statement 2, we can detect that B is 'Female' (sister of D).  Therefore, B is daughter of C. |

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| Question | Pointing a photograph X said to his friend Y, "She is the only daughter of the father of my mother." How X is related to the person of photograph? |
| Option A | Daughter |
| Option B | Son |
| Option C | Nephew |
| Option D | Cannot be determined |
| Answer | Option B |
| Explanation | The only daughter of the father of X's mother' means mother of X.  Hence X is the son of the lady in the photograph.  Note: Still have doubt like "How X is a male?" |

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| Question | Pointing to a woman, Abhijit said, "Her granddaughter is the only daughter of my brother." How is the woman related to Abhijit? |
| Option A | Sister |
| Option B | Grandmother |
| Option C | Mother |
| Option D | Mother-In law |
| Answer | Option C |
| Explanation | Daughter of Abhijit's brother → niece of Abhijit. Thus the granddaughter of the woman is Abhijit's niece.  Hence, the woman is the mother of Abhijit. |

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| Question | Amit said - "This girl is the wife of the grandson of my mother". How is Amit related to the girl? |
| Option A | Brother |
| Option B | Grandfather |
| Option C | Father- in Law |
| Option D | Husband |
| Answer | Option C |
| Explanation | The girl is the wife of grandson of Amit's mother i.e., the girl is the wife of son of Amit. Hence, Amit is the father-in-law of the girl. |

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| Question | Pointing towards a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man? |
| Option A | Mother |
| Option B | Grandmother |
| Option C | Sister |
| Option D | Daughter |
| Answer | Option A |
| Explanation | Only daughter of my mother → myself.  Hence, the woman is the mother of the man. |

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| Question | If P $ Q means P is the brother of Q; P # Q means P is the mother of Q; P \* Q means P is the daughter of Q in A # B $ C \* D, who is the father? |
| Option A | D |
| Option B | B |
| Option C | C |
| Option D | Inadequate Data |
| Answer | Option A |
| Explanation | A is the mother of B, B is the brother of C and C is the daughter of D. Hence, D is the father.  A (Parents) D  | |  | |  B - is - Brother - of - C |

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| Question | 1. A3P means A is the mother of P 2. A4P means A is the brother of P 3. A9P means A is the husband of P 4. A5P means A is the daughter of P   Which of the following means that K is the mother-in-law of M? |
| Option A | M9N3K4J |
| Option B | M9N5K3J |
| Option C | K5J9M3N |
| Option D | K3J9N4M |
| Answer | Option B |
| Explanation | M9N → M is the husband of N  N5K → N is the daughter of K  Hence, → M is the son-in-law of K  K3J → K is the mother of J  Hence, → K is a lady  Hence, → K is the mother-in-law of M. |

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| Question | P is the mother of K; K is the sister of D; D is the father of J. How is P related to J? |
| Option A | Mother |
| Option B | Aunt |
| Option C | Grandmother |
| Option D | Inadequate Data |
| Answer | Option C |
| Explanation | P is the mother of K  K is the sister of D  D is the father of J.  Therefore, J is the nephew or niece of K and P is the grandmother of J. |

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| Question | If P $ Q means P is the father of Q; P # Q means P is the mother of Q and P \* Q means P is the sister of Q, then N # L $ P \* Q shows which of the relation of Q to N? |
| Option A | Grand Son |
| Option B | Grand Daughter |
| Option C | Nephew |
| Option D | Inadequate Data |
| Answer | Option D |
| Explanation | As the sex of Q is not known, hence, data is inadequate. |

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| Question | A's son B is married with C whose sister D is married to E the brother of B. How D is related to A? |
| Option A | Sister |
| Option B | Daughter's-in-law |
| Option C | Sister-in-law |
| Option D | Cousin |
| Answer | Option B |
| Explanation | Since E is the brother of B  Therefore, A is the father of E  but D is the wife of E.  Hence, D is the daughter-in-law of A. |

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| Question | Pointing to a lady a person said, "The son of her only brother is the brother of my wife." How is the lady related to the person? |
| Option A | Maternal aunt |
| Option B | Grandmother |
| Option C | Sister of father-in-law |
| Option D | None of these |
| Answer | Option **C** |
| Explanation | Brother of person's wife → brother-in-law of the person. Hence, the son of lady's brother is brother-in-law of the person.  Therefore, the brother of the lady is the father-in-law of the person. Hence, the lady is the sister of the person's father-in-la |