

1. 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 that boy?

- A. Brother
- B. Uncle
- C. Cousin
- D. Father

2. 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 $A \times B$ means A is the sister of B, which of the following shows that P is the maternal uncle of Q?

- A. $Q - N + M \times P$
- B. $P + S \times N - Q$
- C. $P - M + N \times Q$
- D. $Q - S \% P$

3. 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?

- A. Brother
- B. Sister
- C. Nephew
- D. Cannot be determined

4. 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?

- A. Brother
- B. Nephew
- C. Uncle
- D. Son-in-law

5. Pointing to a photograph Lata says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lata?

- A. Brother
- B. Uncle
- C. Cousin
- D. Data is inadequate

6. If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?

i. The son of D is the grandson of C.

ii. B is the sister of D.

- A. Only 1
- B. Only 2
- C. Either 1 or 2

D. 1 and 2 both are required

7. If $A + B$ means A is the father of B; $A - B$ means A is the brother B; $A \% B$ means A is the wife of B and $A \times B$ means A is the mother of B, which of the following shows that M is the maternal grandmother of T?

A. $M \times N \% S + T$

B. $M \times N - S \% T$

C. $M \times S - N \% T$

D. $M \times N \times S \% T$

8. Deepak said to Nitin, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Deepak?

A. Son

B. Brother

C. Cousin

D. Brother-in-law

9. 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?

A. Daughter

B. Son

C. Nephew

D. Cannot be decided

10. If $A + B$ means A is the sister of B; $A \times B$ means A is the wife of B, $A \% B$ means A is the father of B and $A - B$ means A is the brother of B. Which of the following means T is the daughter of P?

A. $P \times Q \% R + S - T$

B. $P \times Q \% R - T + S$

C. $P \times Q \% R + T - S$

D. $P \times Q \% R + S + T$

11. Pointing to a woman, Abhijit said, "Her granddaughter is the only daughter of my brother." How is the woman related to Abhijit?

A. Sister

B. Grandmother

C. Mother-in-law

D. Mother

12. Amit said - "This girl is the wife of the grandson of my mother". How is Amit related to the girl?

A. Brother

B. Grandfather

C. Husband

D. Father-in-law

13. A and B are children of D. Who is the father of A? To answer this question which of the statements (1) and (2) is necessary?

C is the brother of A and the son of F.

F is the mother B.

A. Only (1)

B. Only (2)

C. Either (1) or (2)

D. (1) and (2) both

14. Pointing towards a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man?

A. Mother

B. Grandmother

C. Sister

D. Daughter

15. 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?

A. D

B. B

C. C

D. Data is inadequate

16. Pointing to Varman, Madhav said, "I am the only son of one of the sons of his father." How is Varman related to Madhav?

A. Nephew

B. Uncle

C. Father or Uncle

D. Father

17. Introducing a woman, Shashank said, "She is the mother of the only daughter of my son." How that woman is related to Shashank?

A. Daughter

B. Sister-in-law

C. Wife

D. Daughter-in-law

18. If $A + B$ means B is the brother of A; $A \times B$ means B is the husband of A; $A - B$ means A is the mother of B and $A \% B$ means A is the father of B, which of the following relations shows that Q is the grandmother of T?

A. $Q - P + R \% T$

B. $P \times Q \% R - T$

C. $P \times Q \% R + T$

D. $P + Q \% R - T$

19. A3P means A is the mother of P

A4P means A is the brother of P

A9P means A is the husband of P

A5P means A is the daughter of P

Which of the following means that K is the mother-in-law of M?

A. M9N3K4J

B. M9N5K3J

C. K5J9M3N

D. K3J9N4M

20. Pointing to a photograph Anjali said, "He is the son of the only son of my grandfather." How is the man in the photograph related to Anjali?

A. Brother

B. Uncle

C. Son

D. Data is inadequate

21. P is the mother of K; K is the sister of D; D is the father of J. How is P related to J?

- A. Mother
- B. Grandmother
- C. Aunt
- D. Data inadequate

22. 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?

- A. Grand son
- B. Grand daughter
- C. Nephew
- D. Data is inadequate

23. If $A \$ B$ means A is the brother of B; $A @ B$ means A is the wife of B; $A \# B$ means A is the daughter of B and $A * B$ means A is the father of B, which of the following indicates that U is the father-in-law of P?

- A. $P @ Q \$ T \# U * W$
- B. $P @ W \$ Q * T \# U$
- C. $P @ Q \$ W * T \# U$
- D. $P @ Q \$ T \# W * U$

24. Introducing a man, a woman said, "He is the only son of the mother of my mother." How is the woman related to the man?

- A. Mother
- B. Sister
- C. Niece
- D. Maternal aunt

25. 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?

- A. Sister
- B. Daughter's-in-law
- C. Sister-in-law
- D. Cousin

26. B5D means B is the father of D.

B9D means B is the sister of D.

B4D means B is the brother of D.

B3D means B is the wife of D.

Which of the following means F is the mother of K?

A. F3M5K

B. F5M3K

C. F9M4N3K

D. F3M5N3K

27. Pointing to a girl Sandeep said, "She is the daughter of the only sister of my father." How is sandeep related to the girl?

A. Uncle

B. Cousin

C. Father

D. Grandfather

28. If A \$ B means B is the father of A; A # B means B is the mother of A; A * B means B is the sister of A and A @ B means B is the husband of A, which of the following indicates that N is the grandmother of P?

A. P * Q # M \$ N

B. P @ Q \$ M # N

C. P # Q \$ N * M

D. None of these