

## CODED RELATIONSHIP

**Directions (1-10) :** Read the following information carefully and answer the questions given below:

- (i)  $A \star B$  means A is the son of B.  
 (ii)  $A \% B$  means A is the sister of B.  
 (iii)  $A \$ B$  means A is the father of B.  
 (iv)  $A @ B$  means A is the mother of B.  
 (v)  $A \# B$  means A is the daughter of B.  
 (vi)  $A \times B$  means A is the brother of B.
1. How is P related to U in the given expression?  
 $P \$ Q \% R \times S \% T \# U$   
 (a) Brother (b) Father  
 (c) Cousin (d) Husband  
 (e) None of these
  2. How is P related to U in the given expression?  
 $P \# Q @ R \star S \$ T \% U$   
 (a) Brother (b) Sister  
 (c) Cousin (d) Brother or Sister  
 (e) None of these
  3. How is U related to P in the given expression?  
 $P \# Q \times R \$ S \times T \# U$   
 (a) Aunt (b) Mother  
 (c) Grandmother (d) Sister  
 (e) None of these
  4. How is P related to U in the given expression?  
 $P \$ Q \times R \% S \star T \# U$   
 (a) Son (b) Son-in-law  
 (c) Brother (d) Father-in-law  
 (e) None of these
  5. How is P related to U in the given expression?  
 $P \star Q \# R @ S \$ T \% U$   
 (a) Brother (b) Sister  
 (c) Father (d) Uncle  
 (e) Cousin
  6. How is P related to U in the given expression?  
 $P \# Q \$ R \star S @ T \% U$   
 (a) Brother (b) Sister  
 (c) Sister (d) Father  
 (e) None of these

7. How is U related to P in the given expression?

$P \star Q \times R \% S \times T @ U$

- (a) Brother (b) Sister  
 (c) Cousin (d) Aunt  
 (e) None of these

8. How is P related to U in the given expression?

$P \star Q \% R \# S \$ T \star U$

- (a) Paternal Grandson  
 (b) Maternal Grandson  
 (c) Paternal Granddaughter  
 (d) Maternal Granddaughter  
 (e) None of these

**Directions (9-12):** Read the following information carefully and answer the questions, which follow:

- (i)  $A \supset B$  means A is mother of B  
 (ii)  $A \bullet B$  means A is sister of B  
 (iii)  $A * B$  means A is father of B  
 (iv)  $A \wr B$  means A is brother of B
9. Which of the following means 'R is uncle of T'?  
 (a)  $R * P \wr S \supset Q \bullet T$   
 (b)  $S * P \wr R \supset U \wr T$   
 (c)  $P * R \wr Q \bullet S * T$   
 (d)  $P * R \bullet Q \bullet S * T$   
 (e) None of these
  10. Which of the following means 'X is mother of U'?  
 (a)  $X \supset Y \wr Z * K \bullet U$   
 (b)  $P \wr X \supset O \wr U$   
 (c)  $X \supset Z \bullet K \wr Y * U$   
 (d)  $P * X \supset Y * O \wr U$   
 (e) None of these
  11. Which of the following means 'L is paternal grandfather of O'?  
 (a)  $L * R \bullet M \wr K \wr O$   
 (b)  $R * L \supset P \wr K \bullet O$   
 (c)  $L * M \supset R * K \wr O$   
 (d)  $L * R \wr M * K \wr O$   
 (e) None of these

12. Which of the following means 'R is daughter of P'?

- (a)  $P * L \text{ } b \text{ } K \text{ } b \text{ } R$  (b)  $X \text{ } D \text{ } P * R \bullet O$   
 (c)  $P \text{ } D \text{ } K \text{ } b \text{ } L \bullet R * X$  (d)  $X \text{ } D \text{ } P * R \text{ } b \text{ } O$   
 (e) None of these

**Directions (13-17): Read the following information carefully and answer the questions, which follow:**

- (i) ' $A \times B$ ' means 'A is wife of B'.  
 (ii) ' $A - B$ ' means 'A is father of B'.  
 (iii) ' $A \div B$ ' means 'A is son of B'.  
 (iv) ' $A + B$ ' means 'A is daughter of B'.

13. Which of the following means T is wife of P?

- (a)  $P \times S \div T$  (b)  $P \div S \times T$   
 (c)  $P - S \div T$  (d)  $P + T \div S$   
 (e) None of these

14. Which of the following means P is maternal grandson of S?

- (a)  $P + Q - S$  (b)  $P \div Q \times S$   
 (c)  $P \div Q + S$  (d)  $P \times Q \div S$   
 (e) None of these

15. In the expression ' $P \times Q - T$ ' how is T related to P?

- (a) Daughter (b) Son  
 (c) Mother (d) Can't be determined  
 (e) None of these

16. In the expression ' $P + Q \times T$ ' how is T related to P?

- (a) Mother (b) Father  
 (c) Son (d) Brother  
 (e) None of these

17. How is P related to T in the expression ' $P + S - T$ '?

- (a) Sister (b) Wife  
 (c) Son (d) Daughter  
 (e) None of these

**Directions (18-27): Read the following information carefully and answer the questions given below:**

- (i)  $A + B$  means B is the father of A.  
 (ii)  $A - B$  means B is the mother of A.  
 (iii)  $A \times B$  means B is the brother of A.  
 (iv)  $A \div B$  means B is the sister of A.  
 (v)  $A \star B$  means B is the son of A.  
 (vi)  $A \# B$  means B is the daughter of A.

18. How is P related to U in the given expression?

- $U - T \# S + R \star Q \# P$   
 (a) Daughter (b) Sister  
 (c) Niece (d) Aunt  
 (e) None of these

19. How is P related to U in the given expression?

- $U \times T + S \star R \div Q \star P$   
 (a) Brother (b) Son  
 (c) Cousin (d) Nephew  
 (e) None of these

20. How is P related to U in the given expression?

- $U + T \times S \div R \times Q + P$   
 (a) Father  
 (b) Paternal grandfather  
 (c) Maternal grandfather  
 (d) Great grandfather  
 (e) None of these

21. How is P related to U in the given expression.

- $U - T \# S \div R + Q \div P$   
 (a) Sister (b) Mother  
 (c) Grandmother (d) Aunt  
 (e) None of the

22. How is P related to U in the given expression?

- $U + T \star S \times R - Q \times P$   
 (a) Father (b) Paternal uncle  
 (c) Maternal uncle (d) Grandfather  
 (e) None of these

23. How is U related to P in the given expression?

- $U - T \times S \div R \# Q \times P$   
 (a) Paternal grandfather  
 (b) Paternal grandmother  
 (c) Maternal grandfather  
 (d) Maternal grandmother  
 (e) Data inadequate

24. How is U related to P in the given expression?

- $U \# T - S \# R \div Q \# P$   
 (a) Maternal grandfather  
 (b) Maternal grandmother  
 (c) Paternal grandfather  
 (d) Paternal grandmother  
 (e) Data Inadequate

25. How is U related to P in the given expression?

$$U \# T \times S \div R \times Q + P$$

- (a) Husband (b) Wife  
(c) Sister (d) Mother-in-law  
(e) None of these

26. In which of the given expression P is the brother of U?

- (a)  $U \times T \div S - R + Q \# P$   
(b)  $U \times T \times S - R + Q \times P$   
(c)  $U \div T - S + R + Q \times P$   
(d)  $U \div T - S \# R + Q \div P$   
(e)  $U \div T - S \# R + Q \star P$

27. In which of the given expression P is the mother-in-law of U?

- (a)  $U \star T \times S \div R - Q - P$   
(b)  $U \# T \div S \times R - Q + P$   
(c)  $P \star Q \times R \div S - T - U$   
(d)  $P \# Q \div R \div S - T + U$   
(e)  $U \# T - S \div R \star Q + P$

**Directions (28-32): Study the following information carefully and answer the questions given below:**

- (i) ' $P \div Q$ ' means 'P is father of Q'.  
(ii) ' $P - Q$ ' means 'P is mother of Q'.  
(iii) ' $P \times Q$ ' means 'P is brother of Q'.  
(iv) ' $P + Q$ ' means 'P is Sister of Q'.

28. How is R related to M in the expression  $M + J \div T \times R$ ?

- (a) Nephew (b) Niece  
(c) Nephew or Niece (d) Data inadequate  
(e) None of these

29. How is W related to M in the expression  $W + T \div R \times M$ ?

- (a) Maternal aunt (b) Paternal aunt  
(c) Grandmother (d) Data inadequate  
(e) None of these

30. Which of the following expression represents T is nephew of J?

- (a)  $J \times M - F \times T$  (b)  $J \times M - F \times T$   
(c)  $J \times M \div F \times T$  (d)  $J \times M \div F + T$   
(e) None of these

31. Which of the following expression represents B is the paternal uncle of H?

- (a)  $B \times M \div H$  (b)  $B + M \div H$   
(c)  $B \times M + H$  (d)  $B + M - H$   
(e) None of these

32. How is K related to D in the expression  $D - J + M \div K$ ?

- (a) Grandson (b) Nephew  
(c) Niece (d) Data inadequate  
(e) None of these

**Directions (33-36): Read the following information carefully and answer the questions which follow:**

- (i) ' $A \times B$ ' means 'A is father of B'.  
(ii) ' $A + B$ ' means 'A is daughter of B'.  
(iii) ' $A \div B$ ' means 'A is mother of B'.  
(iv) ' $A - B$ ' means 'A is brother of B'.

33. If ' $P + Q - R \div T$ ', how is T related to P?

- (a) Aunt (b) Brother  
(c) Father (d) Grandmother  
(e) Cousin

34. Which of the following means that R is wife of P?

- (a)  $P \times R - Q - T$  (b)  $P \div T + R - Q$   
(c)  $P \div R - Q + T$  (d)  $P \times T - Q + R$   
(e) None of these

35. If ' $P \times T \div Q + R$ ' how is R related to P?

- (a) Daughter (b) Husband  
(c) Son-in-law  
(d) Son-in-law or Daughter-in-law  
(e) None of these

36. If ' $P \div R - Q \times T$ ', how is P related to T?

- (a) Grandmother (b) Mother-in-law  
(c) Sister (d) Grandfather  
(e) None of these

**Directions (37-41): These questions are based on the following information:**

' $P \odot Q$ ' means 'Q is the brother of P'.

' $P \# Q$ ' means 'P is the daughter of Q'.

' $P = Q$ ' means 'Q is the sister of P'.

' $P \pounds Q$ ' means 'P is the son of Q'.

' $P + Q$ ' means 'P is the father of Q'.

' $P @ Q$ ' means 'P is the mother of Q'.

37. Which of the following indicates that 'C' is the paternal uncle of 'D'?

- (a)  $C \text{ £ } V \# N @ L \odot D$
- (b)  $C \text{ £ } V \text{ £ } L @ N \odot D$
- (c)  $D \text{ £ } L \text{ £ } N @ V \odot C$
- (d)  $D \text{ £ } N \# V @ L \odot C$
- (e) None of these

38. Which of the following indicates that 'Q' is the daughter of 'N'?

- (a)  $Q + P \# C @ N @ V$
- (b)  $N + P \# C @ Q @ V$
- (c)  $M @ N \# R + Q$
- (d)  $M \odot Q = V \# N$
- (e) None of these

39. Which of the following is a **correct** conclusion drawn from the expression ' $Q \text{ £ } N @ S \odot M = P$ '?

- (a) S is the brother of P.
- (b) N has two sons and two daughters.
- (c) S is the sister of Q.
- (d) P is the sister of Q.
- (e) None of these

40. Which of the following is the **correct** conclusion drawn from the expression ' $L = M \# N \odot P + Q$ '?

- (a) Q is the grandson of M.
- (b) L is the uncle of N.
- (c) N is the uncle of Q.
- (d) Q is the niece of N.
- (e) None of these

41. What does the expression ' $P @ R = S \odot T \text{ £ } V$ ' mean?

- (a) V is the husband of P. (b) R is the son of V.
- (c) R is the daughter of V. (d) V is the wife of P.
- (e) None of these

**Directions (42-46): These questions are based on the following information.**

'P = Q' means 'Q, is the father of P'.

'P ÷ Q' means 'P is the sister of Q'.

'P # Q' means 'Q is the mother of P'.

'P \$ Q' means 'P is the brother of Q'.

'P £ Q' means 'Q is the son of P'.

'P x Q' means 'P is the daughter of Q'.

42. Which of the following indicates 'A is the grandfather of B'?

- (a)  $M \times A = N = B$  (b)  $B \$ L \times Q \times A$
- (c)  $L \div B = S \$ Q = A$  (d)  $B \times L \times A$
- (e) None of these

43. ' $S \times M \div B \text{ £ } L = F \# Q$ ' reveals which of the following relation?

- (a) M is the maternal aunt of L.
- (b) L is the granddaughter of Q.
- (c) B is the paternal uncle of S.
- (d) F and B are brother and sister.
- (e) None of the above relations gets revealed

44. Which of the following means 'F is the paternal uncle of G'?

- (a)  $L = F \$ Q \text{ £ } G$  (b)  $G \times M \div F \$ L$
- (c)  $N \$ F \$ L \times G$  (d)  $G \times L \$ F \$ N$
- (e) None of these

45. Which of the following is not correct?

- (a)  $L \$ M \div O$  means O is the sister of L.
- (b)  $M \div O \text{ £ } P = Q$  means Q and O are husband and wife.
- (c)  $P = Q \# R$  means R is the grandmother of P.
- (d)  $R \times S \# T$  means R is the granddaughter of T.
- (e) All are correct

46. Which of the following is **correct**?

- (a)  $L \text{ £ } M \$ R$  means R is the paternal uncle of L.
- (b)  $M \$ R \div D \# V$  means M is the son of V.
- (c)  $D \# V \times T$  means D is the granddaughter of T.
- (d)  $V \times T \div P$  means P is the maternal uncle of V.
- (e) None is correct

## ANSWERS

1. (d)	5. (e)	9. (c)	13. (c)	17. (a)	21. (d)	25. (b)	29. (b)	33. (e)	37. (c)	41. (a)	45. (a)
2. (d)	6. (c)	10. (b)	14. (c)	18. (c)	22. (c)	26. (e)	30. (a)	34. (d)	38. (b)	42. (c)	46. (b)
3. (a)	7. (c)	11. (d)	15. (d)	19. (d)	23. (e)	27. (a)	31. (a)	35. (c)	39. (d)	43. (a)	
4. (b)	8. (b)	12. (b)	16. (b)	20. (e)	24. (a)	28. (c)	32. (d)	36. (a)	40. (e)	44. (a)	