



## Logical Reasoning

1. Pointing towards Vaman, Madhav said "I am the only son of his father's one of the sons."  
How Vaman is related to Madhav?  
A.) Nephew                      B.) Uncle                      C.) Either father or uncle                      D.) Father
  
2. Pointing to a photograph, Vipul said, "She is the daughter of my grandfather's only son." How is Vipul related to the girl in the photograph ?  
A.) Father                      B.) Brother                      C.) Uncle                      D.) Cousin
  
3. Looking at a portrait of a man, Harsh said, "His mother is the wife of my father's son. Brothers and sisters I have none." At whose portrait was Harsh looking ?  
A.) His son                      B.) His nephew                      C.) His uncle                      D.) His cousin
  
4. Pointing to a girl in the photograph, Amar said, "Her mother's brother is the only son of my mother's father." How is the girl's mother related to Amar ?  
A.) Mother                      B.) Sister                      C.) Aunt                      D.) Grandmother
  
5. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's  
A.) Brother                      B.) Son                      C.) Uncle                      D.) Son-in-law
  
6. If X is the brother of the son of Y's son, how is X related to Y ?  
A.) Son                      B.) Brother                      C.) Grandson                      D.) Cousin
  
7. Pointing to a women in a photograph a man says "She is the daughter-in-law of the mother of my father's only grand son". How is he woman related to the man?  
A.) Wife                      B.) mother                      C.) daughter-in-law                      D.) daughter
  
8. Pointing to a man in a photograph a woman said, "His brother's father is the woman related to the man in the photograph?  
A.) Mother                      B.) Aunt                      C.) Sister                      D.) Daughter

9. Pointing to a photograph, a woman says, "This man's son's sister is my mother-in-law." How is the woman's husband related to the man in the photograph ?

- A.) Grandson      B.) Son      C.) Nephew      D.) Son-in-law

10. When Anuj saw Manish, he recalled, "He is the son of the father of my daughter." Who is Manish ?

- A.) Brother-in-law      B.) Brother      C.) Cousin      D.) Uncle

11. Pointing to a photograph, a man said, "I have no brother or sister but that man's father is my father's son." Whose photograph was it ?

- A.) His own      B.) His Grandfather      C.) His Son      D.) His Father

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

- A.) Sister      B.) Grand Mother      C.) Grandfather      D.) Mother

13. Pointing towards a person in a photograph, Anusha said, "He is the only son of the father of my sister's brother." How is that person is related to Anjali ?

- A.) Anusha Father      B.) Anusha Mother      C.) Anusha Brother      D.) Maternal Uncle

14. Looking at the portrait of a man, Naveen said, "His mother is the wife of my father's son. I have no brothers or sisters." At whose portrait was Harsh was looking ?

- A.) His child      B.) His father      C.) His grandson      D.) His nephew

15. Pointing to the photograph, Krishna said, "She is the daughter of my grandfather's only son." How is Krishna related to the girl in the photograph ?

- A.) Sister      B.) Mother      C.) Cousin      D.) Grandmother

16. A is B's brother, B is C's sister and C is D's father, D is A's?

- A.) Brother      B.) Sister      C.) Nephew      D.) Can't determined

17. Q's mother is sister of P and daughter of M. S is daughter of P and sister of T. How is M Related to T?

- A.) Father                      B.) Grandfather                      C.) Either Grandmother or Grandfather                      D.) Grandmother

18. Pointing of a man, Rohit said, "His son is my son's uncle". How the woman is related to the man?

- A.) Brother                      B.) Uncle                      C.) Father                      D.) Grand father

19. A man said to a woman, "your mother's husband's sister is my aunt". How the woman is related to the man?

- A.) Grand-daughter                      B.) Daughter                      C.) Sister                      D.) Aunt

20. Introducing a girl in the photograph, Sunil said "Her mother is the only daughter of my mother-in-law". How is Sunil related to the girl in the photograph?

- A.) Uncle                      B.) Brother                      C.) Husband                      D.) Father

21. Introducing Veena , Kowri said "She is the only daughter of my father's only daughter".How is Kowri related to Veena?

- A.) Niece                      B.) Mother                      C.) Aunt                      D.) Sister

22. A man is said to lady , "Your mother's husband's sister is my aunt". How is the lady related to to the man?

- A.) Grand daughter                      B.) Daughter                      C.) Sister                      D.) Mother

23. Pointing to a photograph ,Madan said, "She is the mother of my sons's wife's daughter". How is Madan related to lady?

- A.) Sister-in-law                      B.) Nephew                      C.) Niece                      D.) Aunt

24. Pointing to a photograph ,Madan said, "She is the mother of my sons's wife's daughter".  
How is Madan related to lady?

- A.) Son                      B.) Uncle                      C.) Father – in – law                      D.) Father

25. Pointing toward a boy ,Naresh said , "He is the son of only son of my grandfather".How is the boy related to Naresh?

- A.) Brother                      B.) Brother-in-law                      C.) Son                      D.) Son-in-law

26. A is the brother of B. B is the brother of C. D is the father of A. Based on these three statements, which of the following statements cannot be definitely true ?

- A.) B is the brother of A.                      B.) B is the son of D  
C.) C is the brother of A.                      D.) A is the brother of C

27. A girl introduced a boy as the son of' the daughter of the father of her uncle. The boy is girl's

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

28. Pointing to a photograph, Vipul said, "She is the daughter of my grandfather's only son."  
How is Vipul related to the girl in the photograph ? lady?

- A.) Father                      B.) Brother                      C.) Cousin                      D.) Data inadequate

29. A is the son of B, C. B's sister has a son D and a daughter E. F is the maternal uncle of D.  
How many nephews does F have ?

- A.) 0                      B.) 1                      C.) 2                      D.) 3

30. If Kamal says, ellavi's mother is the only daughter of my mother", how is Kamal related to Ravi

- A.) Brother                      B.) Brother-in-law                      C.) Son                      D.) None of these

31. If B's mother was A's mother's daughter, How is related to B?

- A.) Maternal Uncle    B.) Father                      C.) Brother                      D.) Sister

32. A and B both are children of C. If C is the mother of A. A is the son of C but B is not the daughter of C, how are A and B mutually related.

- A.) A is the brother of B                                      B.) A is sister of B  
C.) A is a cousin of B                                      D.) None of these

33. A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all?

- A.) 14                      B.) 17                      C.) 16                      D.) 24

34. 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 sister of Q, then which of the following would mean R is the uncle of S?

- A.) R\*P+S                      B.) R\*S+P                      C.) R+P\*S

Directions(Q 35 – 36): Read the information and answer the Questions given below.

A + B means A is the daughter of B

A \* B means A is the son of B, and

A – B means A is the wife of B

35. If Z\*T-S\*U+P, Which is U to Z?

- A.) Mother                      B.) Grand Mother                      C.) Father                      D.) None of these

36. If P \* Q – S, Which of the following is true?

- A.) S is the wife of Q                                      B.) S is the father of P  
C.) P is the daughter of Q                                      D.) None of these

37. 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?

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

38. If  $A + B$  means A is the brother of B;

$A - B$  means A is the sister of B and

$A \times B$  means A is the father of B.

Which of the following means that C is the son of M?

- A.)  $M - N \times C + F$
- B.)  $F - C + N \times M$
- C.)  $N + M - F \times C$
- D.)  $M \times N - C + F$

39. 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

40. 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.)  $M \times N \times S \% T$

41. 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.)  $P \times Q \% R + S + T$

42. A family consists of 6 members P, Q, R, X, Y, Z. Q is the son of R but R is not mother of Q. P and R are married couple. Y is the brother of R, X is the daughter of P. Z is the brother of P. How many female members are there in the family?

- A.) 1
- B.) 2
- C.) 3
- D.) 4

43. In a certain code IMTITJU is written as TMIIUJT. How is TEMREMP written in that code?

- A.) METERPM
- B.) METRPME
- C.) ETRMMEP
- D.) MTERPME

44. In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written in that code?

- A.) UTEPMOCR                      B.) MOCPETUR                      C.) ETUPMOCR                      D.)  
PMOCRETU

45. In a certain code STUDENT is written as TUTDNES. How will SOURCES be written in that code?

- A.) SOURCES                      B.) SUORECS                      C.) SRUOCES                      D.) SOURSEC

46. In a certain code LEARNING is written as LGNINRAE. How will SURPRISE be written in that

- Code ?  
A.) ESRI PRUS                      B.) RUSEPSIR                      C.) SESIRPRU                      D.) ESIR PRSU

47. If PRIVATE is coded as 1234567 and RISK is coded as 2398, how is RIVETS coded?

- A.) 232679                      B.) 243769                      C.) 234769                      D.) 234976

48. In a certain code, SIKKIM is written as THLJL, how is TRAINING written in that code ?

- A.) SBQHOHOF                      B.) UQBOHIOF                      C.) UBQHOHOI                      D.) UQBHOHOF

48. In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code ?

- A.) CHRONRD                      B.) EJTQPTG                      C.) CHRPNRD                      D.) EJTQPTF

49. If JOSEPH is coded as FKOALD, then GEORGE will be coded as :

- A.) HAKNCA                      B.) CBKNCA                      C.) CALNCA                      D.)  
CAKNCA

50. In a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that code ?

- A.) DPNCBX                      B.) CPNCBZ                      C.) DPNCBX                      D.)  
DPNCBZ