REASONING

Blood Relations

For students preparing for MAH-B.BCA/BBA/BMS/BBM CET 2024 for admission to BCA, BBA, BMS, BBM

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1. 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

2. I. F is the brother of A,
II. C is the daughter of A,
III. D is the sister of F,
IV. G is the brother of C.
Then who is the uncle of G?
   A. A
   B. C
   C. F
   D. K
   E. None of these

3. A is the paternal uncle of B, who is the daughter of C and C is the daughter-in-law of P. How is A related to P?
   A. Brother
   B. Son
   C. Son-in-law
   D. Data inadequate
   E. None of these

4. P's father is Q's son. M is the paternal uncle of P and N is the brother of Q. How is N related to M?
   A. Brother
   B. Nephew
   C. Cousin
   D. None of these

5. Q is the brother of R; P is the sister of Q. T is the brother of S; S is the daughter of R. who are the nephew/niece of
   A. R and P
   B. P and T
   C. Q and T
   D. S and T

6. E is the son of A. D is the son of B. E is married to C. C is B's daughter. How is D related to E?
   A. Brother
   B. Uncle
   C. Father-in-law
   D. Brother-in-law

7. A is father of C and D is son of B. E is brother of A. If C is sister of D, how is B related to E?
   A. Daughter
   B. Brother-in-law
   C. Husband
   D. Sister-in-law.

8. 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. Grandmother
   B. Father
   C. Grandfather
   D. Grandfather or Grandmother

Directions (9-11): Study the following information carefully and answer the questions given below.

Seven persons viz. J, L, N, T, V, W and X are from the same family with three generations. W is the

only daughter of L who is the mother-in-law of J. Both J and W are of the same gender. N is the son-in-law of V and father of X. T is the paternal grandfather of X who is the grandson of V. J is not the spouse of X.

9. If S is the spouse of V, then how is S related to J?
   A. Daughter
   B. Mother
   C. Father
   D. Cannot be determined

10. Who among the following person is the mother of X?
   A. L
   B. J
   C. W
   D. V

11. How is T related to W?
   A. Grandfather
   B. Mother
   C. Father
   D. Grandmother

Direction (21-23): Study the following information carefully and answer the below questions.

A family has eight members T, S, V, M, N, J, I, and L such that either both or none of the parents are alive. S is married to V who is the mother-in-law of N who is a mother of J. J is the nephew of L who is the brother-in-law of I. T is the grandfather of J. L is unmarried.

12. Who among the following person is Spouse of M?
   A. S
   B. T
   C. L
   D. V

13. How J is related to I?
   A. Daughter
   B. Granddaughter
   C. Son
   D. Grandson

14. Who among the following person(s) is/are Grandmother of J?

A. V
B. M
C. T
D. Both A and B

Directions (15-19): Read the given information carefully and answer the questions that follow.

X + Y means X is the father of Y;
X - Y means X is the wife of Y;
X x Y means X is the brother of Y;
X ÷ Y means X is the daughter of Y.

15. If A ÷ C + B, then which of the following is true?
   A. A is father of B
   B. A is brother of B
   C. A is mother of B
   D. A is sister of B

16. If A – C + B, which of the following statement is true?
   A. A is the mother of B
   B. B is the daughter of A
   C. A is the aunt of B
   D. A is the sister of B

17. If A x C ÷ B, which of the following statement is true?
   A. 'A is the uncle of B
   B. A is the father of B
   C. A is the brother of B
   D. A is the son of B

18. If A + C ÷ B, then which of the following is true?
   A. A is the brother of B
   B. A is the son of B
   C. A is the husband of B
   D. A is the father of B

19. If A x C + B, then which of the following is the true?
   A. A is the uncle of B
   B. A is the father of B
   C. A is the brother-in-law of B
   D. A is the grandfather of B

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

A. Granddaughter
B. Daughter
C. Sister
D. Aunt

21. Vinod is the brother of Bhaskar. Manohar is the sister of Vinod. Biswal is the brother of Preetam and Preetam is the daughter of Bhaskar. Who is the uncle of Biswal?
   A. Bhaskar
   B. Manohar
   C. Vinod
   D. Insufficient data

22. A man said to a woman, "Your brother's only sister is my mother." What is the relation of the woman with the maternal grandmother of that man?
   A. Mother
   B. Sister
   C. Niece
   D. Daughter

23. 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 father's
   C. His son's
   D. His nephew's

24. Pointing to a photograph, a lady tells Pramod, "I am the only daughter of this lady and her son is your maternal uncle," How is the speaker related to Pramod's father?
   A. Sister-in-law
   B. Wife
   C. Sister
   D. Aunt

DIRECTIONS (25-26) : Study the meaning of the given symbols and answer the questions based on it.
   (i)   'P x Q' means 'Q' is mother of P'
   (ii)   'P + Q' means 'P' is brother of Q'.
   (iii)   'P - Q' means 'P' is sister of Q'
   (iv)   'P ÷ Q' means 'Q' is father of P'.

25. Which of the following definitely means R is grandson of K?
   A. R × T + K
   B. M + R x T ÷ K

C. M - R x T ÷ K
D. None of these

26. Which of the following statements is superfluous to answer the above question?
   A. None
   B. (i) Only
   C. (ii) Only
   D. (iii) Only

DIRECTIONS (27) : Study the following information and answer the questions given below.

(a) 'P ÷ Q' means 'Q is father of P'
(b) 'P x Q' means 'P is sister of Q'.
(c) 'P + Q' means 'P is brother of Q'.
(d) 'P - Q' means 'Q is mother of P'.

27. Which of the following means R is nephew of T?
   A. R + N – Q x T
   B. R – Q x N x T
   C. R – N x T
   D. T + M ÷ R

Answer Key

1. D	2. C	3. B	4. D	5. D	6. D	7. D	8. D	9. D	10. B
11. C	12. B	13. C	14. D	15. D	16. A	17. D	18. C	19. A	20. C
21. C	22. D	23. B	24. B	25. D	26. A	27. A			