Quiz Date: 24th April 2020

Direction (1-2): Read the following information carefully and answer the questions given below:
There are seven members S, T, U, V, W, X and Y in a family among them only 3 females. S is married to V. W is grandson of V who has two children. U is sister in law of Y who is unmarried. X is brother in law of S who is mother in law of U.

Q1. How X is related to Y?
(a) Uncle
(b) Brother
(c) Mother
(d) Sister
(e) Grandson

Q2. Who among the following is the father of W?
(a) U
(b) T
(c) X
(d) Y
(e) None of these

Directions (3-4): Study the following information to answer the given questions.
P is the brother of R. R has only one daughter. R is the mother of T. T is the sister of S. Q is the father of S. S is married to U. W is the son of U.

Q3. How is R related to U?
(a) Cannot be determined
(b) Sister-in-law
(c) Mother
(d) Aunt
(e) Mother-in-law

Q4. How is S related to P?
(a) Niece
(b) Cannot be determined
(c) Nephew
(d) Son
(e) Daughter

Q5. Pointing to a Man, Ramesh said "His only brother is the father of my daughter's father."
In this case, Ramesh is male. How is the Man related to Ramesh?
(a) Uncle
(b) Grandfather
(c) Father
(d) Brother

(e) None of these

Directions:(6-8) Study the following information carefully and answer the questions which follow–
'P – Q' means 'P is father of Q'
'P ÷ Q' means 'P is sister of Q'
'P × Q' means 'P is mother of Q'
'P + Q' means 'P is brother of Q'

Q6. Which of the following means 'A is nephew of B'?
(a) A + C – B × K
(b) B ÷ H – A + D
(c) B ÷ G – A ÷ R
(d) B + T × A ÷ E
(e) None of these

Q7. Which of the following means 'P is grandfather of J'?
(a) J ÷ W – U – P
(b) P × G + J ÷ A
(c) P – B ÷ J ÷ R
(d) P – T – J ÷ S
(e) None of these

Q8. How is R related to B in the expression 'B ÷ C – S + R'?
(a) aunt
(b) niece
(c) nephew
(d) None of these
(e) Cannot be determined

Directions (9-10): Study the information carefully and answer the questions given below.
There are seven members in a family and there are two married couples in this family. P is father of M who is brother in law of K. N is daughter in law of Z who is grandmother of L. P has only two children one son and one daughter. X is sister in law of N. P is father in law of N. K is unmarried.

Q9. If K is wife of J then what could be the relation of J with respect to N?
(a) Brother
(b) Brother in law
(c) Uncle
(d) Cannot be determined
(e) None of these.

Q10. What is relation of L with respect to X?

(a) Nephew
(b) Niece
(c) Son
(d) Daughter
(e) Cannot be determined

Direction (11-13): Study the following information carefully and answer the given questions:
A, B, C, D, E and F are six family members. There are three generation in a family and only three female members in a family. E is daughter in law of F, who has only one daughter. B is mother of D. B is not from second generation. A is grandson of F. C is a female but is not the mother of A. F is married to B.

Q11. How is A related to C?
(a)Son
(b)Daughter
(c)Nephew
(d)Niece
(e)None of these

Q12. Who among the following is daughter of B?
(a)E
(b)A
(c) D
(d)C
(e)None of these

Q13. How E is related to B?
(a) Daughter-in-law
(b) Daughter
(c) Mother
(d) Sister-in-law
(e) none of these

**Directions (14-15): Study the information carefully and answer the questions given below.**
M, N, O, P, Q and R are six family members. Q is son of P, who is not the mother of Q. N is brother of P. R and P are a married couple. O is daughter of R, who is sister of M.

Q14. How many female members are there in the family?
(a) Two
(b) Three
(c) Four
(d) Can't be determined
(e) None of these

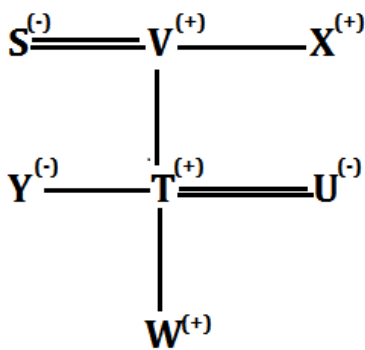Q15. How is Q related to O?
(a) Mother
(b) Father
(c) Sister
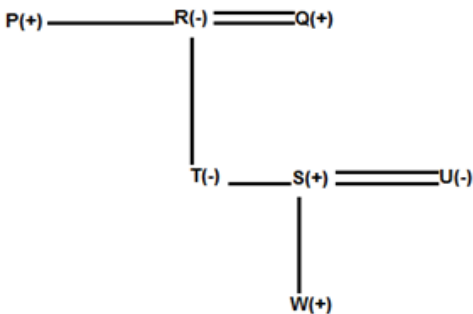(d) Brother
(e) None of these
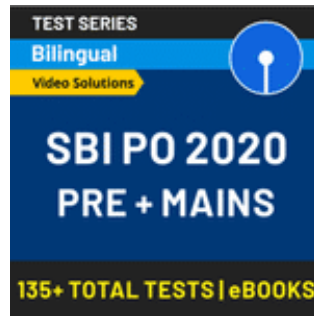
Solutions

Solutions (1-2):

$$S^{(-)} = V^{(+)} — X^{(+)}$$

$$Y^{(-)} — T^{(+)} = U^{(-)}$$

$$W^{(+)}$$

Sol.
S1. Ans.(a)
S2. Ans.(b)

Solutions (3-4):
Sol

$$P^{(+)} — R^{(-)} = Q^{(+)}$$

$$T^{(-)} — S^{(+)} = U^{(-)}$$

$$W^{(+)}$$

S3. Ans.(e)
S4. Ans.(c)

S5.Ans.(a)
Sol.

```
┌─────────┐   ┌──────────────────┐
│   Man   ├───┤ Brother or father│
└─────────┘   └────────┬─────────┘
                       │
                 ┌─────┴─────┐
                 │  Ramesh   │
                 └─────┬─────┘
                       │
                  ┌────┴────┐
                 (  daughter )
                  └─────────┘
```
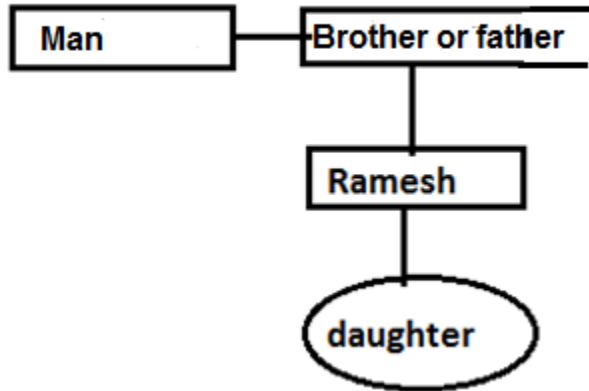
Solutions (6-8)
S6.Ans (b)

```
B(-) ──────── H(+)
                │
           A(+) ──── D
```

S7.Ans (d)

```
P(+)
 │
 │
T(+)
 │
 │
J(-) ──── S
```

S8.Ans (e)

```
B(-) ──── C(+)
            │
            │
R ──── S(+)
```

Solution(9-10):
S9. Ans.(b)
Sol.

$$P(+) \equiv\!\!= Z(-)$$
$$|$$
$$X(-) \longrightarrow M(+) \equiv\!\!\equiv N(-) \longrightarrow K(-) \equiv\!\!= J(+)$$
$$|$$
$$L$$

S10. Ans.(e)
Sol.

$$P(+) \equiv\!\!= Z(-)$$
$$|$$
$$X(-) \longrightarrow M(+) \equiv\!\!\equiv N(-) \longrightarrow K$$
$$|$$
$$L$$

Solutions (11-13):

$$F^{(+)} \equiv\!\!\equiv B^{(-)}$$
$$|$$
$$E^{(-)} \equiv\!\!\equiv D^{(+)} \longrightarrow C^{(-)}$$
$$|$$
$$A^{(+)}$$
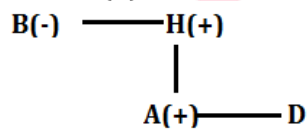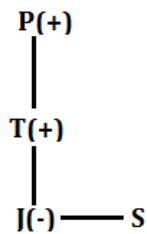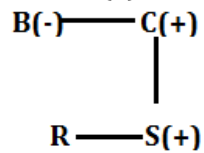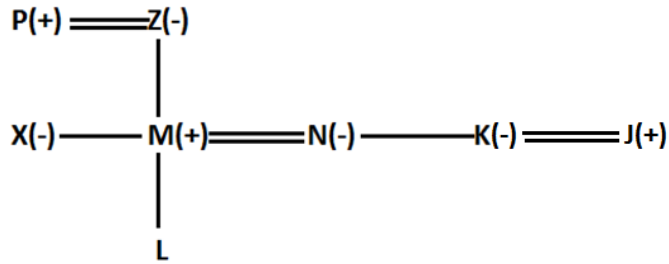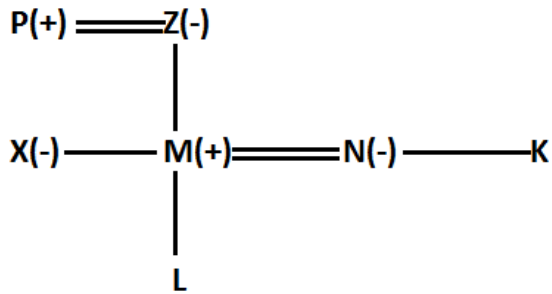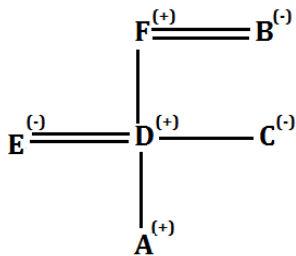
S11. Ans.(c)
S12. Ans.(d)
S13. Ans.(a)

Solution (14-15):
S14. Ans.(d)
S15. Ans.(d)

For any Banking/Insurance exam Assistance, Give a Missed call @ 01141183264