Quiz Date: 19th August 2020

Direction (1-3): Study the following information carefully and answer the given questions.
There are eight members in a family i.e. A, B, C, D, E, F, G and H. There are three females and two married couples. A is son in law of C. B is daughter in law of G, who is father of H. H is unmarried. D is son of C. C married to F, who is grandfather of E. E is niece of H who is brother of A.

Q1. Who among the following is brother-in-law of D?
(a) G
(b) C
(c) A
(d) B
(e) None of these

Q2. Who among the following is brother in law of B?
(a) A
(b) H
(c) D
(d) G
(e) None of these

Q3. Who among the following is father of D?
(a) E
(b) F
(c) A
(d) H
(e) None of these

Directions (4-5): Read the following information carefully and answer the given questions. There are eight people in a family, all of them are going for vacation. There are two married couple in the family. C is the mother of B. E is the daughter of A, who is the sister of F. C is the only sister of G. H is father of C. D is the mother of C. A is the wife of G.

Q4. Who among the following is grandfather of E?
(a) B
(b) G
(c) C
(d) H
(e) None of these

Q5. How F is related to G?
(a) Sister-in-law
(b) Mother
(c) Son

(d) Brother
(e) Cannot be determine

Directions (6-8): Read the following information carefully to answer the following questions-
(i) 'M @ N' means M is brother of N.
(ii) 'M $ N' means M is mother of N.
(iii) 'M &N' means M is father of N.
(iv) 'M %N' means M is wife of N.
(v) 'M #N' means M is son of N.

Q6. If the expression 'A%B#D&F@G' is true, then who among the following is sister-in-law of G?
(a) F
(b) D
(c) B
(d) A
(e) None of these

Q7. If the expression 'H$K#M@N%O' is true, then how N is related to K?
(a) Mother
(b) Father
(c) Aunt
(d) Uncle
(e) None of these

Q8. If the expression 'D&C#G$K%L@R' is true, then who among the following is father-in-law of L?
(a) D
(b) K
(c) G
(d) C
(e) None of these

Q9. Introducing a man, a woman says, "He is the son-in-law of the wife of my father and I am the only child of my parents". How is the man related to the woman?
(a) Nephew
(b) Husband
(c) Brother-in-law
(d) Cousin
(e) Mother

Q10. If 'A + B' means 'A is father of B', 'A ÷ B' means 'A is mother of B' , 'A × B' means 'A is husband of B', 'A – B' means 'A is sister of B', then in the given expression how R is related to M?   **'M+N×O÷T−R'**

(a)Grandfather
(b)Grandson
(c) Granddaughter
(d) Son
(e) Cannot be determined

Directions (11-12): Study the information carefully and answer the questions given below.
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.

Q11. 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.

Q12. What is relation of L with respect to X?
(a) Nephew
(b) Niece
(c) Son
(d) Daughter
(e) Cannot be determined

Direction (13-15): Study the following information carefully to answer the given questions:
P, Q, R, S, U, V and T are the members of a family. There are three generation in this family. P is mother in law of T. V is sister of S who is nephew of R. U is granddaughter of Q. T is not married to V. T is a married woman. R is not sibling of P.

Q13. Who among the following is niece of V?
(a) U
(b) Q
(c) R
(d) T
(e) None of these

Q14. How R is related to V?
(a) Niece
(b) Father
(c) Aunt
(d) Uncle
(e) Cannot be determine

Q15. Who among the following is mother of U?
(a) V
(b) R
(c) P
(d) T
(e) None of these
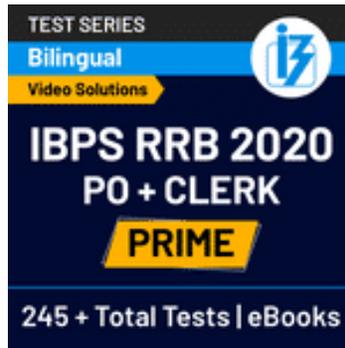
Solutions

Solutions (1-3):
Sol.
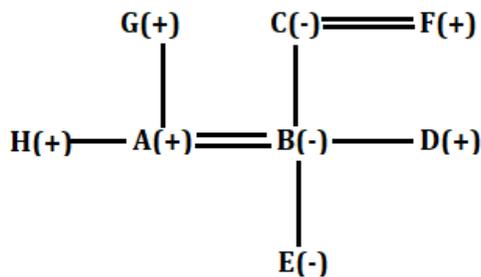

S1.Ans(c)
S2.Ans(b)
S3.Ans(b)

Solutions (4-5):
Sol.

$$D^{(-)} = H^{(+)}$$

$$F - A^{(-)} = G^{(+)} - C^{(-)}$$

$$E^{(-)}$$
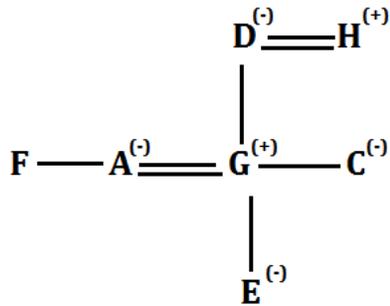
S4. Ans. (d)
S5. Ans. (e)

Solutions (6-8):
S6.Ans.(d)
Sol.

$$D^{(+)}$$

$$A^{(-)} = B^{(+)} - F^{(+)} - G$$

S7. Ans.(c)
Sol.

$$H^{(-)} = M^{(+)} - N^{(-)} = O^{(+)}$$

$$K^{(+)}$$

S8. Ans.(a)
Sol.

$$D^{(+)} = G^{(-)}$$

$$C^{(+)} - K^{(-)} = L^{(+)} - R$$
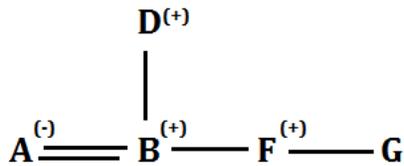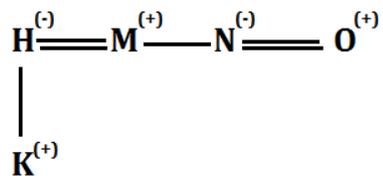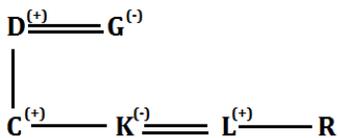
S9 Ans.(b)

S10. Ans.(e)
Sol.

$M^{(+)}$
|
$N^{(+)}$ === $O^{(-)}$
|
$T^{(-)}$ —— R
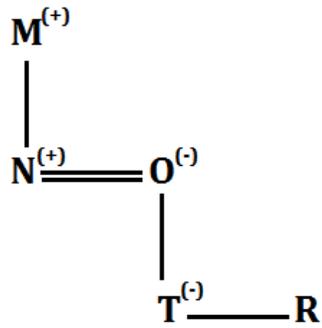
Solutions (11-12):
S11. Ans.(b)
Sol.

$P(+)$ === $Z(-)$
|
$X(-)$ —— $M(+)$ === $N(-)$ —— $K(-)$ === $J(+)$
|
L
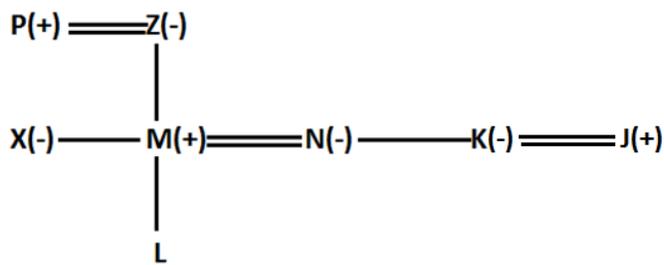
S12. Ans.(e)
Sol.

$P(+)$ === $Z(-)$
|
$X(-)$ —— $M(+)$ === $N(-)$ —— K
|
L
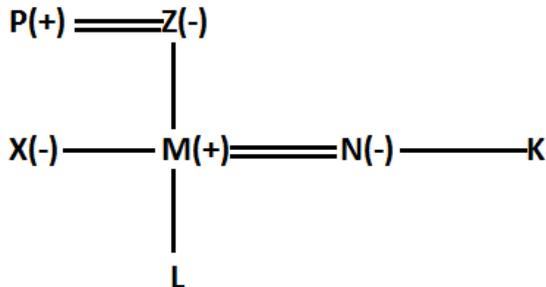
Solutions (13-15):
Sol.

$P^{(-)}$ === $Q^{(+)}$ —— R
|
$V^{(-)}$ —— $S^{(+)}$ === $T^{(-)}$
|
$U^{(-)}$
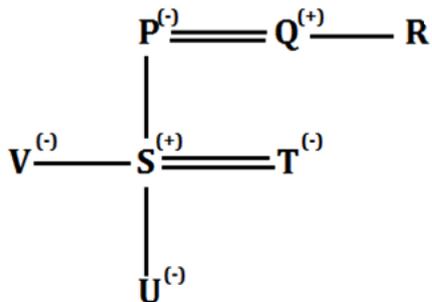
S13. Ans.(a)
S14. Ans.(e)

S15. Ans.(d)

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