Quiz Date: 28th June 2020

Directions (1-5): Study the information carefully and answer the questions given below.
Eight persons i.e. P, Q, R, S, U, V, W and X are living in different floors of eight floored building. Each of them likes different subjects i.e. Hindi, English, Mathematics, Physics, Arts, Accounts, Economics and Biology. All information is not necessarily in the same order.
As many persons live above floor V as many below Q, who likes Hindi. Q lives at odd number floor. U lives above the floor of S. R likes Accounts and lives at floor no. 3. One person lives between R and P. The person who likes English lives just below floor of the person who likes accounts. Two persons live between the one who likes Arts and Physics. The person who likes physics does not live at even numbered floor. V does not like Arts. W lives above the floor of X, who lives above the floor of S. U does not live at floor which is Immediately below or above the one who likes Hindi. One person lives between the one who like economics and the one who likes mathematics. The person who likes Physics does not live immediately below or above the floor of person who likes English. P does not like Biology. U lives below X. The one who likes economics live above the one who likes mathematics.

Q1. Who among the following person likes Biology?
(a) P
(b) R
(c) S
(d) Q
(e) None of these

Q2. How many persons Floor between the person who likes accounts and W?
(a) One
(b) Three
(c) Two
(d) Four
(e) None of these

Q3. Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?
(a) V
(b) P
(c) Q
(d) R
(e) S

Q4. Which of the following subject X likes?
(a) Biology
(b) English
(c) Economics
(d) Mathematics
(e) Can't be determined

Q5. Which of the following combination is true?
(a) P-Biology
(b) R-Physics
(c) V-Economics
(d) W-Physics
(e) None is true

Directions (6-8): Study the following information carefully to answer these questions.
(i) 'P $ Q' means' P is Brother of Q'
(ii) 'P # Q' means' P is Father of Q'
(iii) 'P @ Q' means' P is Son of Q'
(iv) 'P % Q' means 'P is Daughter of Q'
(v) 'P & Q' means 'P is Wife of Q'

Q6. If the expression 'A#D%E, D&C#B$F' is true, then who among the following is grandmother of F?
(a) C
(b) E
(c) D
(d) A
(e) None of these

Q7. If the expression 'L&M#K$T&N@O' is true, then which of the following is true?
(a) M is mother of N
(b) O is father of T
(c) N is sister-in-law of K
(d) L is mother of T
(e) None is true

Q8. If the expression 'C$G#H@S%U' is true, then which of the following is not true?
(a) H is nephew of C
(b) S is son of U
(c) G is son-in-law of U
(d) C is uncle of H
(e) All are true

Directions (9-10): In the following questions, the symbols @, #, %, $ and © are used with the following meaning as illustrated below-
'P#Q' means 'P is neither greater than nor equal to Q'
'P*Q' means 'P is neither equal to nor smaller than Q'
'P%Q' means 'P is neither smaller than nor greater than Q'
'P$Q' means 'P is not smaller than Q'
'P@Q' means 'P is not greater than Q'
Now in each of the following questions assuming the given statement to be true, find which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

Q9. Statements: O*K, M*L, M%N, P#N, K@L,
Conclusions: I. N#L   II.M*O   III. L$P
(a) None is true
(b) Only I is true
(c) Only III is true
(d) Either I or II are true
(e) None of these

Q10. Statements: S%Q, P#Q, U@T, P@R, T#R
Conclusions: I.T#Q   II. R*U   III.R$Q
(a) Only I and III are true
(b) Only II and III are true
(c) Only I and II are true
(d) All are true
(e) None of these

Directions (11-15): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statement are sufficient to answer the question. Read both the statements and Give answer:
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data even in both statements I and II together are not sufficient to answer the question.
(e) If the data in both statements I and II together are necessary to answer the question.

Q11. Who among J, K, L and M reached office first?
I. J reached office after L and before M but did not second last to reach office
II. K reached office after M

Q12. Among A, B, C, D and E each one of them has different height, who among the following is the second shortest?
I. D is taller than A and B
II. E is shorter than C and taller than D

Q13. There are five persons in a family namely P, Q, R, S and T. How is S related to P?
I. T is cousin of P and son of Q, who married to S
II. R is father of P and brother of S. Q is wife of S

Q14. Among A, B, C, D, E and F are sitting in a circle facing center, who among the following person sit immediate right of D?
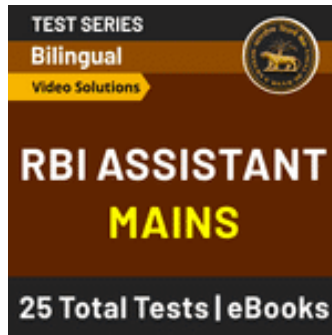I. A faces B. only one person sit between B and D.

II. D sits second to the right of A, Who Sits immediate left of C.

Q15. Seven boxes are placed one above other which of the following box is placed immediately above the Box H?
I. Three Box are placed between Box B and F, which is placed immediately above box L.
II. Three box are placed between Box L and Box H. Box L is placed below box H.

Solutions

Solution (1-5):
Sol.

FLOOR	PERSON	SUBJECT
8	W	Arts
7	Q	Hindi
6	X	Economics
5	P	Physics
4	U	Mathematics
3	R	Accounts
2	V	English
1	S	Biology

S1.Ans(c)
S2.Ans(d)
S3.Ans(a)
S4.Ans(c)
S5.Ans(e)

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

A$^{(+)}$===E$^{(-)}$

|

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

|

B$^{(+)}$———F

S7. Ans.(d)
Sol.

L$^{(-)}$===M$^{(+)}$ O

| |

K$^{(+)}$——— T$^{(-)}$===N$^{(+)}$

S8. Ans.(b)
Sol.

U

|

C$^{(+)}$——— G$^{(+)}$===S$^{(-)}$

|

H$^{(+)}$
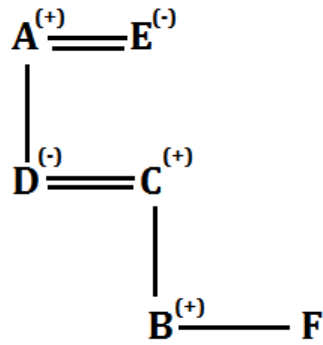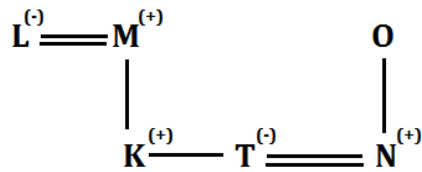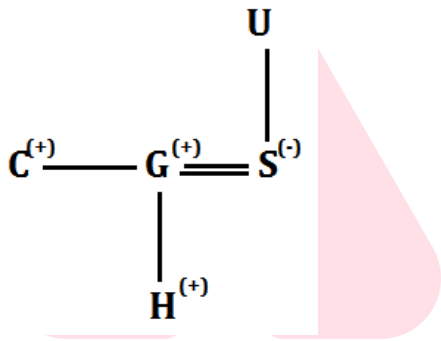
Solutions (9-10):

S9. Ans(a)
I. N#L (false)   II. M*O (False)   III. L$P (False)

S10. Ans(e)
I. T#Q (false)   II. R*U (true)   III. R$Q (False)
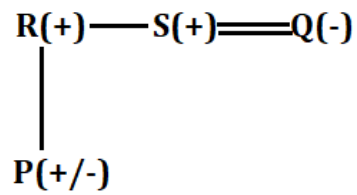
Solutions (11-15):

S11. Ans (a)
L>J>M>K

S12. Ans (d)
C>E>D>A/B>A/B

S13. Ans (b)

R(+)——S(+)══Q(-)
|
P(+/-)

S14. Ans(d)

S15. Ans(e)
Sol. From statement I and II we can find box B is placed immediately above Box H.

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