Quiz Date: 13 ${ }^{\text {th }}$ April 2020

## Directions (1-5): Read the following information carefully to answer the questions

 given below.Eight friends M, N, O, P, Q, R, S and T are sitting around a circular table for dinner such that some of them are facing towards the centre of the table and some of them are facing outside the centre of the table. They all lives in the same apartment such that the ground floor is numbered 1 and above it second floor and so on till the topmost floor which is numbered 8 . $R$ does not faces outside of the centre. $Q$ sits third to the right of $P$, who lives on an even number floor and both face same direction. The one who lives on eighth floor sits third to the left of P and $2^{\text {nd }}$ to the right of the one who lives on $3^{\text {rd }}$ floor. N and S faces same direction. R, who lives on fifth floor sits third to the right of $N$, who lives on an even numbered floor but not on $2^{\text {nd }}$ or $6^{\text {th }}$ floor. R is one of the neighbour of P and sits third to the right of M , who faces inside. Q does not live on third floor. The one who lives on $7^{\text {th }}$ floor sits opposite to the one who lives on $6^{\text {th }}$ floor. S sits second to the right of the one who lives on $1^{\text {st }}$ floor. O lives on second floor and faces the same direction as R.

Q1. Who lives on the third floor?
(a) S
(b) M
(c) N
(d) R
(e) T

Q2. Who among the following sits third to the right of 0 ?
(a) The one who lives on 3rd floor.
(b) T
(c) The one who lives on $8^{\text {th }}$ floor
(d) Both (a) and (b)
(e) M

Q3. M lives on which of the following floor?
(a) 3 ${ }^{\text {rd }}$ Floor
(b) $7^{\text {th }}$ Floor
(c) $1^{\text {st }}$ Floor
(d) $5^{\text {th }}$ Floor
(e) None of these

Q4. Who among the following lives on $1^{\text {st }}$ Floor?
(a) T
(b) R
(c) Q
(d) M
(e) N

Q5. How many persons sit between $S$ and the one who lives on $5^{\text {th }}$ Floor?
(a) Three
(b) Two
(c) One
(d) More than three
(e) No one

Directions (6-10): In the following questions, the symbols @, ©, \%, * and \$ are used with the following meaning as illustrated below
'P © Q' means ' P is not greater than Q '.
' $P \$ Q$ ' means ' $P$ is not smaller than $Q$ '.
' $P$ @ $Q$ ' means ' $P$ is neither smaller than nor greater than $Q$ '.
' $P$ * $Q^{\prime}$ means ' $P$ is neither equal to nor greater than $Q$ '.
' $\mathrm{P} \% \mathrm{C}$ ' means ' P is neither smaller than nor equal to Q '.
Now in each of the following questions assuming the given statements 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

## Statements:

D@M, M\$B, B*R, R\%T
Conclusions:
I. B*D
II. B@D

Q6. III. T*M
(a) None is true
(b) Only I is true
(c) Only II is true
(d) Only III is true
(e) Only either I or II is true


## Statements:

W@F, F@D, D*K, K\$J
Conclusions:
I. $\mathrm{K} \% \mathrm{~W}$
II. D\$W

Q7. III. F*K
(a) Only I and II are true
(b) Only I and III are true
(c) Only II and III are true
(d) All I, II and III are true
(e) None of these

Statements:
R*K, K®M, M\%T, T\$J
Conclusions:
I. J*M
II. R*M

Q8.
III. K®J
(a) Only I is true
(b) Only II is true
(c) Only I and II are true
(d) All I, II and III are true
(e) None of these

## Statements:

R@K, T@K, T\$M, M*W
Conclusions:
I. W\%K
II. M@R

Q9. III. T@R
(a) Only I is true
(b) Only II is true
(c) Only III is true
(d) All I, II and III are true
(e) None of these

Statements:
T\$N, N\%B, B@W, K@W
Conclusions:
I. $\mathrm{K} \$ \mathrm{~B}$
II.K\$T

Q10. III. T\%B

(a) Only I and II are true
(b) Only I and III are true
(c) Only II and III are true
(d) All I, II and III are true
(e) None of these

Directions (11-13): Study the following information carefully to answer the following questions-
Eight boxes A, B, C, D, E, F, G and H are placed one above another. Three boxes are between Box $B$ and Box $G$ and neither of them is placed at the top nor the bottom. Only one box is between Box D and Box G. Box C is neither immediate above nor immediate below of Box B and Box G. Box A is above Box E but not below box C. More than three boxes are between box $B$ and box $E$. Box $F$ is above Box $B$ and Box $A$ is neither immediate above nor immediate below of box D .

Q11. How many boxes are between box A and Box F?
(a) 1
(b) 2
(c) 3
(d) 4
(e) None of these

Q12. Which of the following box is immediate below box G ?
(a) A
(b) B
(c) C
(d) D
(e) None of these

Q13. How many boxes are between the box immediate above box D and Box C?
(a) 1
(b) 2
(c) 3
(d) 4
(e) None of these

Q14. What should be placed in place of question mark(?) in equation $B \leq A$ ? $N$ ? $K$ ? S to make $\mathrm{A}>\mathrm{S}$ always follow.
(a) $=,>, \geq$
(b) $=,<, \geq$
(c) $=,>,<$
(d) $=>, \leq$
(e) None of these

Q15. What should come in place of question mark (?) in the following series based on the above arrangement?
PA NB KD GG ?
(a) CB
(b) BK
(c) AB
(d) CA
(e) Other than the given options


Solutions (1-5):
Sol.


S1. Ans.(e)
S2. Ans.(d)
S3. Ans.(b)
S4. Ans.(c)
S5. Ans.(a)
Solutions (6-10):
S6. Ans.(e)
I. B*D(False)
II. B@D(False)

Sol.
III. T*M(False)

S7. Ans.(d)
I. K\%W(True)
II. D\$W(True)
III. F*K(True)

Sol.

S8. Ans.(c)
I. J*M(True)
II. $\mathrm{R}^{*} \mathrm{M}$ (True)

Sol.
III. K®J(False)

S9. Ans.(e)
I. W\%K(False)
II. M@R (True)

Sol. III. T@R(True)

S10. Ans.(e)
I. K\$B(False)
II.K\$T (False)

Sol.
III. T\%B(True)

Solutions (11-13):
Sol.
Box F
Box B
Box A
Box C
Box H
Box G
Box E
Box D

S11. Ans (a)
S12. Ans (e)
S13. Ans (b)
S14. Ans. (a)
S15. Ans.(b)
Sol. BK


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