## How many boxes are below to the box $M$ ?


Y. Arunveera Kumar

Subject Expert
IACE

## MODEL QUESTIONS

Directions (Q.No.1-5): Study the following information carefully and answer the questions given below:

Ten persons i.e. A, B, C, D, E, P, $\mathrm{Q}, \mathrm{R}, \mathrm{S}$ and T are sitting around a regular pentagon table but not necessarily in same order. Five of them sit at the corners and remaining five sit at middle of the side of the table. All are facing outside. B sits 3 rd to the right of the person who sits $2^{\text {nd }}$ to the left of P. Four persons are sitting between Q and B . A sits $3^{\text {rd }}$ to the right of C , who sits at corner. Both R and S are immediate neighbours of T . S sits near to Q. D sits immediate left of E , who sits near to C .

1. Who among the following person sits $4^{\text {th }}$ to the left of R ?
a) C
b) D
c) P
d) Q
e) None of these
2. How many persons are sitting between A and T, when counted from right of A ?
a) None b) One
c) Two d) Three
e) None of these
3. Who among the following pair persons are immediate neighbours of P ?
a) A - B
b) B - C
c) $C-D$
d) $\mathrm{P}-\mathrm{Q}$
e) None of these
4. Who among the following person sits immediate left of C ?
a) $B$
b) D
c) P
d) Q
e) None of these
5. Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
a) B
b) C
d) Q
e) $R$

Directions (Q.No.6-10): Study
the following information carefully and answer the questions given below:

A certain number of boxes are placed one above the other. Box R is placed just above the box Q . There are two boxes gap between Q and P . There is one box in between P and O . There are 3 boxes in between $L$ and M. Only one box above to the box L . The number of boxes between O and M is as same as between P and O . Box N is just below to the box L . The number of boxes above M is same as the number of boxes below O .
6. How many boxes are below to the box M ?
a) Three
b) Six
c) Five
d) Nine
e) Seven
7. How many boxes are between O and R ?
a) None
b) Three
c) One
d) Two
e) More than three
8. If the position of box N interchanged with box O , then find how many boxes are between N and M ?
a) Two
b) $\operatorname{Six}$
c) One
d) Three
e) Four
9. How many boxes are between M and R ?
a) Five
b) Four
c) Two
d) Three
e) None
10. If box $S$ was placed in between $P$ and $R$, then find how many boxes are between S and O ?
a) Three
b) Four
c) Two d) Five
e) None of these

Directions (Q.No.11-15): Study
the following information carefully and answer the questions given below:

In a certain code language.
'players Indian from foreign' is coded as 'green purple blue pink'
'Win by Indian Cricket' is coded as 'yellow violet white blue' 'famous players are' is coded as


## 'magenta red green

'Indian cricket players famous' is coded as "green blue white red"
11. The code 'purple' is coded as which of the following word?
a) from
b) famous
c) foreign
d) Indian
e) Either a or c
12. What is the code for 'players' in the given code language?
a) Green b) Red
c) White d) Pink
e) None of these
13. What is the code for 'Indian' in the given code language?
a) white b) blue
c) green d) red
e) None of these
14. What is the code for 'Indian win by' in the given code language? a) white red pink
b) yellow purple blue
c) green red pink
d) violet blue yellow
e) None of these
15. If 'near cricket' is coded as 'black white' then what is the possible code for 'near around' in the given code language?
a) hazel black
b) blue white
c) red hazel
d) pink black
e) purple white

Directions (Q.No.16-20): Study the following information carefully and answer the questions given below:

5SU!4T@7\#M\$N\%AD
$1^{\wedge} 9 \mathrm{E} \&$
16. How many such symbol(s) is/are

there which are immediately granddaughter of J. T is wife of N. A followed by an odd number and is paternal aunt of B. K is paternal immediately preceded by a consonant?
a) None
b) One
c) Two
d) Three
e) None of these
17. Which elements is sixth to the right of the element which is twelfth from the left end?
$\begin{array}{lll}\text { a) } 1 & \text { b) } 9 & \text { c) } \wedge \quad \text { d) A }\end{array}$
e) None of these
18. What is the position of '\#' with respect to the third number from the right end?
a) Immediate right
b) Second to the left
c) Third to the left
d) Fourth to the left
e) Immediate left
19. If all the alphabets are dropped from the above arrangement, which element will be tenth from the left end after rearrangement? $\begin{array}{llll}\text { a) } \wedge & \text { b) } 9 & \text { c) \& } & \text { d) } 1\end{array}$ e) None of these
20. How many such number(s) is/are there in the above arrangement, each of which is immediately followed by a symbol or a vowel?
$\begin{array}{llll}\text { a) } 1 & \text { b) } 2 & \text { c) } 3 & \text { d) } 4\end{array}$
e) None of these

Directions (Q.No.21-23): Study the following information carefully and answer the questions given below:

In a family, there are ten members A, B, J, K, L, N, P, Q, R and T. Each child has either both its parents alive or none alive. R is daughter of P. Q and B are
is paternal aunt of B. $K$ is paternal J . T has two daughter. L is mother of R. J is married to K .
21. How many female members are there in the family?
$\begin{array}{ll}\text { a) } 5 & \text { b) } 6\end{array}$
c) 7
22. Which of the following is true? a) J is brother of P
b) $T$ is sister of $R$
c) $Q$ is mother of $R$
d) A is sister of L
e) $R$ is niece of $K$
23. How many generations and couples are there in the family?
$\begin{array}{lll}\text { a) } 2,3 & \text { b) } 3,3 & \text { c) } 3,2\end{array}$
$\begin{array}{ll}\text { d) } 1,3 & \text { e) } 2,1\end{array}$
Directions (Q.No.24-25): Study the
following information carefully and answer the questions given below:
24. Statements: $\mathrm{I} \leq \mathrm{P}<\mathrm{Q}, \mathrm{A}=\mathrm{B} \geq \mathrm{C}$,
$\mathrm{R} \geq \mathrm{F}=\mathrm{C}, \mathrm{A} \leq \mathrm{L}=\mathrm{Q}$
Conclusion:
I. I $<$ L II. Q $\geq$ B
II) $\mathrm{A} \leqslant$ IV. $C \geq R$
a) Only I follow
b) Only III and IV follows
c) Only I and II follows
d) None follows
e) Only I, II and III follows
25. Statements: $\mathrm{M} \leq \mathrm{N}=\mathrm{G}, \mathrm{A} \geq \mathrm{R} \geq$
$\mathrm{B}, \mathrm{S}>\mathrm{L}=\mathrm{B}, \mathrm{A}=\mathrm{K}<\mathrm{T}>\mathrm{G}$
Conclusion:
I. $\mathrm{M}<\mathrm{T} \quad$ II. $\mathrm{G}>\mathrm{A}$
III. $\mathrm{K}<$ B IV. $\mathrm{R}<$ S
a) Only I follows
b) Only I and IV follows
c) Only I and II follows
d) None follows
e) Only I, II and III follows


1) $\mathbf{a}$;
2) $\mathbf{b}$;
3) $\mathbf{b}$;
4) $\mathbf{e}$;
5) d;
(6-10):

6) $\mathbf{e}$; 7) $\mathbf{b}$; 8) $\mathbf{c}$; 9) $\mathbf{a}$; 10) $\mathbf{c}$; (11-15):
7) $\mathbf{e}$; 12) $\mathbf{a}$;
8) $\mathbf{b}$;
9) d;

| Words | Codes |
| :--- | :--- |
| Indian | Blue |
| Cricket | White |
| Players | Green |
| Famous | Red |
| From/Foreign | Purple/pink |
| Win/by | Violet/Yellow |
| Are | Magenta |

(16-20):
16) $\mathbf{b}$; 17) $\mathbf{b}$; 18) $\mathbf{a}$; 19) $\mathbf{a}$; 20) $\mathbf{c}$;
(21-23):

21) $\mathbf{c}$;
22) e;
23) b;
(24-25):
24) c;
I. I $<\mathrm{L}(\mathrm{I} \leq \mathrm{P}<\mathrm{Q}=\mathrm{L}$ : True)
II. $\mathrm{Q} \geq \mathrm{B}$ ( $\mathrm{B}=\mathrm{A} \leq \mathrm{L}=\mathrm{Q}$ : True)
III. $\mathrm{A} \leq \mathrm{F}(\mathrm{A}=\mathrm{B} \geq \mathrm{C}=\mathrm{F}$ : False $)$
IV. $C \geq R(R \geq F=C$ : False $)$
25) a;
I. $\mathrm{M}<\mathrm{T}(\mathrm{M} \leq \mathrm{N}=\mathrm{G}<\mathrm{T}:$ True $)$ II. G $>$ A $(A=K<T>G$ : False $)$ III. $K<B(K=A \geq R \geq B$ : False $)$
IV. $\mathrm{R}<\mathrm{S}(\mathrm{R} \geq \mathrm{B}=\mathrm{L}<\mathrm{S}$ : False)

