## PUZZLE MANIA

## The Conclusion

## Chapter- 1(Linear Puzzles)

For All Competitive Exams


1. Direction: Read the following information carefully to answer the questions based on it.
Nine persons A, B, C, D, E, F, G, H, and J are sitting in a straight line facing the north, not necessarily in the same order. The age of each of them is different viz. $6,27,21,18,3,12,24,9$ and 15 not necessarily in the same order.
Note: The leftmost place from the left end is positioned 1 and so on.
Three persons sit between $G$ and $A$, but both of them neither sit on the leftmost position nor on the rightmost position. G sits on an even position from the left end but to the right of $A$ and $E$, who sits on an odd position from the left end and his age is an odd number. Two persons sit between $A$ and $B$ and two persons sit between $E$ and $A$. $F$ sits on an even position from the left end. As many persons sit between $F$ and $G$ as between $H$ and $E$. The one who is 6 years old sits on the rightmost position and three persons sit between him and $C$, who is the youngest among all. The number of persons sit between $C$ and the $5^{\text {th }}$ youngest person is 1 more than the number of persons sit between $C$ and oldest person. The oldest one sits three positions right to the youngest person. D's age is an even number but not 18. H's age is 24 and the one who sits just to the right of H , is half the age of H . B's age is an odd number. J sits on an even position from the left end, but his age is an odd number, which is 7 more than his position from the left end.
How many persons sit between J and G?
A. 2
B. 4
C. 3
D. More than 4
E. None of these

Ans. D
2. Which group amongst four, sit on the rightmost and the leftmost positions respectively?
A. D-E
B. $\mathrm{H}-\mathrm{B}$
C. $\mathrm{H}-\mathrm{E}$
D. D-B
E. None of these

Ans. A
3. If $A$ interchanges its position with $B$ and $D$ and $E$ interchange their positions with $G$ and $F$ respectively, who among the four sits immediately left and right of $A$ respectively?
A. HC
B. FE
C. ED
D. EG
E. None of these

Ans. C
4. If all persons are arranged alphabetically from left to right, how many persons will not change their position?
A. 1
B. 3
C. 2
D. 4
E. None of these

Ans. A
5. What is the sum of the ages of $D$ and F?
A. 27
B. 21
C. 30
D. 36
E. None of these

Ans. E
6. Direction: Study the following information carefully and answer the following questions.
Eight people - N, B, C, D, S, M, G and H are sitting in a straight line facing north. Each of them has exams in different months, viz. January, February, March, April, May, June, July and August but not necessarily in the same order. $B$ and $S$ are immediate neighbours of each other. Neither $B$ nor $S$ is an immediate neighbour of G . H sits third to the right of the person whose exam is in January. Neither B nor $S$ have exams in January. H's exam is not in August. Only two people sit between $S$ and the person whose exam is in July. S's exam is after April. G's exam is after B's exam. G sits
third to the right of the person whose exam is in May. The person whose exam is in August sits second to the right of G. Neither B nor S has their exams in either May or August. The person, whose exam is in February sits on the immediate left of $D$. Only one person sits between $S$ and N. C's exam is before July.

In which of the following months does H has her exam?
A. April
B. June
C. July
D. February
E. March

Ans. D
7. Who among the following sits exactly between S and N ?
A. The person whose exam is in May
B. The person whose exam is in January
C. D
D. B
E. The person whose exam is in August

Ans. A
8. Which of the following is true regarding D?
A. Only two people sit to the left of $D$.
$B$. $D$ is sitting second to the right of the person whose exam is in July.
C. $S$ and $B$ are immediate neighbors of $D$.
D. D's exam is in May.
E. None of the Above.

Ans. E
9. How many people sit between $C$ and the person whose exam is in April?
A. None
B. One
C. Two
D. Three
E. Four

Ans. C
10. Who among the following are sitting at the extreme ends of the line?
$A$. $B$ and the person whose exam is in August.
B. The person whose exam is in May and S.
C. C and G.
D. The persons whose exams are in March and June.
E. None of these.

Ans. A
11. Direction: Study the following data carefully and answer the questions accordingly.
Ten persons are sitting in a row facing either north or south direction. Persons sitting at both the ends face same direction as R is facing. N and O are immediate left to each other. The one, who lives in sector 25 , sits at one of the extreme ends. The number of persons sitting between $O$ and $P$ is same as between $Q$ and $P$. $U$ lives in sector 6 . At least three persons sit between the one, who lives in sector 77 and the one, who lives in sector 12 . The one, who lives in sector 29, sits third to the left of $P$, who faces south. Two persons sit between the one, who lives in sector 25 and S . The one, who lives in sector 12, faces the same direction as the one, who lives in sector 54 faces. $M$ sits at one of the extreme ends but does not live in sector 25 . Two persons sit between $S$ and $P$. The one, who lives in sector 54, sits second to the right of the one, who lives in sector 49. Equal number of persons sits between the ones, who live in sector 77 and sector 17 and the one, who lives in sector 17 and sector 32 . R lives in sector 27 but does not sit next to the one, who lives in sector 25 . Five persons sit between N and T . T is an immediate neighbor of the one, who lives in sector $29 . S$ and $U$ face the same direction but opposite to T. The one, who lives in sector 49, sits fourth from one of the extreme ends. The one, who lives in sector 32 , faces south. Not more than two persons facing the same direction sit next to each other.
What is the position of Q with respect to the one, who lives in sector 6? A. Fifth to the left
B. Fourth to the right
C. Third to the right
D. Fourth to the left
E. Can't be determined

Ans. D
12. How many persons are sitting to the left of the one, who lives in sector 32?
A. Seven
B. More than eight
C. Eight
D. Five
E. None of these

Ans. D
13. Number of persons sitting between N and $Q$ is same as the number of persons sitting between $\qquad$ .
A. P and T
B. $M$ and $O$
C. $R$ and $T$
D. $V$ and $S$
E. Can't be determined

Ans. D
14. Find the odd one.
A. Sector 77
B. $R$
C. Sector 6
D. T
E. Sector 17

Ans. D
15. How many persons are facing south direction?
A. Four
B. Three
C. More than four
D. Two
E. None of these

Ans. A

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