

**Memory Based  
Paper of  
SBI Clerk Prelims  
2018**

**Reasoning**

## Memory Based Reasoning Paper of SBI Clerk Prelims 2018

**Directions(1 - 3):** Study the following information Carefully to answer the given questions. Each of the six writers, L, M, N, O, P and Q writes different number of books in a year. O wrote more books than only two people and M is one of them. N wrote more books than P but less than L. L did not write the highest number of books. P wrote more books than M. The one who wrote second highest number of books wrote 32 books. P wrote 15 books.

1. If the number of books written by P + O is eleven more than number of books written by L then how many books has been written by O?

- (a) 24
- (b) 48
- (c) 28
- (d) 9
- (e) 33

2. Which of the following is true regarding the number of books wrote by Q?

- (a) No other writer wrote less books than Q
- (b) Q wrote less number of books than N.
- (c) Q wrote less books than only two persons.
- (d) Q possibly wrote 45 books.
- (e) The difference between number of books wrote by P and Q is less than 17.

3. How many books has M possibly wrote?

- (a) 30
- (b) 10
- (c) 24
- (d) 36
- (e) 32

**Directions(4 - 8):** Study the following information Carefully to answer the given questions. Eight persons P, Q, R, S, T, U, V and W were joined in a company in eight different years but the same month and same date viz., 1954, 1993, 1982, 1978,

1949, 1972, 1989 and 1996 but not necessarily in the same order. Their experiences are calculated based on 2018 on the same month and same date. P was the most experienced person in the group. Two persons were joined between P and Q. T was joined one of the even-numbered years after Q. W's experience was two years more than that of twice the experience of R. Three persons were joined between W and U. S was joined before V.

4. When was S joined in that company?

- (a) 1982
- (b) 1949
- (c) 1954
- (d) 1989
- (e) None of these

5. How many persons were joined between U and P?

- (a) Four
- (b) Two
- (c) Three
- (d) Four
- (e) More than Five

6. What is the difference between the sum of the experience of W, V and R & the sum of the experience of P, Q and T(in years)?

- (a) 39
- (b) 38
- (c) 37
- (d) 36
- (e) None of these

7. Four of the five among the following are similar in such a way to form a group, which one of the following does not belongs to the group?

- (a) U
- (b) S
- (c) W

- (d) Q
- (e) T

8. Who was joined immediately after Q?

- (a) Q
- (b) S
- (c) P
- (d) T
- (e) None of these

**Directions (9-13): Study the following information carefully to answer the questions given below.**

There are eight persons M, P, S, T, X, Z, W and V in the family. They all are sitting in a line and some person of the family are facing south and some person of the family are facing north. T sits immediate right of X, who sits second to the right of W. S faces north and sits third to the right of M. M is immediate neighbour of X. S sits one of the extreme end of the row. V sits second to the left of T. P sits second to the right of M. W is not immediate neighbour of P. W and V faces opposite directions to each other. V faces the same directions as X faces. P sits immediate left of Z, who sits second to the right of S. P faces the same direction as T.

9. Who sits fourth to the left of M?

- (a) W
- (b) V
- (c) T
- (d) X
- (e) None of these

10. How many persons are facing north?

- (a) Two
- (b) Three
- (c) Six
- (d) Four
- (e) None of these

11. Who sits immediate left of T?

- (a) M
- (b) X
- (c) P
- (d) W
- (e) None of these

12. How many persons sit between Z and T?

- (a) Three
- (b) Five
- (c) Two

- (d) Four
- (e) None of these

13. Who sits immediate left of the person, who sits immediate right of Z?

- (a) X
- (b) T
- (c) S
- (d) Z
- (e) None of these

**Directions (14-18): 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 two conclusions I and II given below them is/are definitely true and give your answer accordingly.

14. Statements: R\$S, S\*L, L\$Q

**Conclusions:**

- (i) R\*Q
- (ii) S\$Q
- (a) None is true
- (b) Only I is true
- (c) Only II is true
- (d) Either I or II are true
- (e) Both are true

15. Statements: B%J, J&M, M@V

**Conclusions:**

- (i) J@V
- (ii) B\*M
- (a) Only I is true
- (b) Only II is true
- (c) Either I and II are true
- (d) Both are true
- (e) None is true

16. Statements: C\*X, G\$X, Y%G

**Conclusions:**

- (i) Y\*X
- (ii) Y\$X

- (a) None is true
- (b) Only I is true
- (c) Only II is true
- (d) Both II and I are true
- (e) Either I or II is true

**17. Statements: A\$D, D%V, V\*Z**

**Conclusions:**

**(i) D\*Z**

**(ii) V@A**

- (a) None is true
- (b) I is true
- (c) Only II is true
- (d) Either I or III is true
- (e) Both are true

**18. Statements: Q@T, T&K, K%E**

**Conclusions:**

**(i) T\$E**

**(ii) T\*E**

- (a) Either I or II are true
- (b) Only I is true
- (c) Both I and II are true
- (d) Only II true
- (e) None is true

**Directions (19-20): In the following questions, the symbols #, &, @, and % are used with the following meanings as illustrated below. Study the following information and answer the given questions:**

K%T- K is the brother of T.

K&T- K is the mother of T.

K#T- K is the father of T.

K@T- K is the sister of T.

**19. If A#B&C%D is true then how A is related to D?**

- (a) Maternal grandfather
- (b) Mother
- (c) Father
- (d) Grandson
- (e) None of these

**20. If P@Q#R%S@T&U is true, then how is P related to T?**

- (a) Daughter
- (b) Mother
- (c) Father
- (d) Aunt
- (e) None of these

**Directions (21-25): Study the following information carefully to answer the questions given below.**

Eight persons I, J, K, L, M, N, O and P sits on a circular table facing the outside of the table. I sits third to the right of N. M is immediate neighbour of I. J does not sit opposite to K. Two person sits between K and M. K does not sit immediate left of N. P sits either second to the right of L or immediate left of L. O sits immediate left of K.

**21. Who sits third to the left of N?**

- (a) J
- (b) P
- (c) O
- (d) L
- (e) None of these

**22. Who sits opposite to M?**

- (a) L
- (b) O
- (c) N
- (d) J
- (e) None of these

**23. Who among the following person sits immediate right of the person, who sits immediate left of I?**

- (a) O
- (b) I
- (c) P
- (d) K
- (e) None of these

**24. Who sits opposite to the one, who sits immediate left of K?**

- (a) L
- (b) N
- (c) O
- (d) M
- (e) None of these

**25. How many persons sits between P and O, when counted anti clock-wise direction from P?**

- (a) Four
- (b) Three
- (c) Two
- (d) Five
- (e) None of these

**Direction (26-30):** Read the following information carefully and answer the questions that follow.

P, Q, R, S, T, U, V and W are eight different boxes, they are arranged in such a manner that Box 1 is at the bottom, the box 2 is above it and so on such that the top most box is box number 8. R is box number 3. Only two boxes are there between the box R and the box V. Box W lives immediately above the Box Q. Only one box is there between the box T and the box U. Box T lives above box U. Only one person lives between the Box R and Box S. Box S is somewhere below T.

**26. Who among the following is the fifth numbered box?**

- (a) S
- (b) Q
- (c) W
- (d) P
- (e) V

**27. Who among the following box is exactly between the floors of R and S?**

- (a) U
- (b) P
- (c) V
- (d) T
- (e) W

**28. Who among the following is the topmost box?**

- (a) T
- (b) Q
- (c) W
- (d) R
- (e) V

**29. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?**

- (a) R
- (b) V
- (c) P
- (d) S
- (e) Q

**30. How many boxes are there between the floors of Q and U?**

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

**Direction (31-35):** The questions are based on the six three- digit numbers given below.

648 384 296 444 763 521

**31. If we change the first and second digit of each number then which of the following is third lowest (original number)?**

- (a) 384
- (b) 444
- (c) 648
- (d) 763
- (e) None of these

**32. If in each number 2 is added to the first digit henceforth the first and third digits are interchanged, then which of the following is second largest (original number)?**

- (a) 444
- (b) 296
- (c) 763
- (d) 521
- (e) None of these

**33. If all the numbers are arranged in ascending order then what is the difference between number which is third from the left and the number which is second from the right?**

- (a) 176
- (b) 204
- (c) 178
- (d) 139
- (e) None of these

**34. If one is subtracted from all even digits then how many numbers have repetitive digits?**

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) None of these

**35. What is the resultant if the first digit from right side of the second highest number is divided by the second digit from right side of the fourth lowest number?**

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) None of these