

**Memory Based
Paper of
SBI PO Prelims
2017**

Reasoning

10POINTER

Your Study Companion

Memory Based Reasoning Paper of SBI PO Prelims 2017

Direction (1-5): Study the following information carefully and answer the question based on it.

8 persons A, B, C, D, E, F, G and H have their birthdays on 14th and 21st of four different months, January, March, April and June not necessarily in the same order. A has birthday on even date and a month which having 31 days. Number of persons between C and F is same as the number of persons between B and H. H's birthday is neither on even number date nor in a month which having 31 days. B is not born after H. C is born before F and B, who is not born in January. D is not born in June. F was born on even number date. D's birthday is on odd number date and a month which having 31 days. B and H were not born in the same month. E was born after F. D is born before G.

1. **66. How many persons born after F?**

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

2. **Who among the following is not born in the month having 30 days?**

- (a) F
- (b) D
- (c) B
- (d) H
- (e) E

3. **Who among the following does not belongs to the group?**

- (a) A
- (b) D
- (c) G
- (d) B
- (e) H

4. **How many persons have birthday between D and E?**

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

5. **Who among the following is not born before F?**

- (a) A
- (b) D
- (c) C
- (d) H
- (e) G

Direction (6-10): Study the following information carefully and answer the question given below:

There are eight persons A, B, C, D, E, F, G and H. They are born in the month (Same for each person) of different years i.e. 1976, 1980, 1982, 1990, 1991, 1995, 2000 and 2005. There ages are considered as on the same month of 2017. B is born in odd number year but he is not the youngest. E is 37 years old now. C was born in 1990. G is at least 9 years older than B. D is younger than B and born in odd number year. A is 18 years younger than G. F is older than D but not the older person. Not more than 2 persons are younger than F.

6. **Who among the following is youngest person?**

- (a) A
- (b) C
- (c) D
- (d) B
- (e) G

7. **How many persons are older than C?**

- (a) 2
- (b) 3
- (c) 1

- (d) None
- (e) more than 3

8. **What is the difference of age between F and E?**

- (a) 15 years
- (b) 10 years
- (c) 30 years
- (d) 4 years
- (e) 12 years

9. **If all the persons are arranged according to their names according to alphabet series from youngest to oldest then how many of them position will remain unchanged?**

- (a) 0
- (b) 1
- (c) 2
- (d) 3
- (e) 4

10. **Who among the following is born in 1982?**

- (a) A. D
- (b) B. G
- (c) C. A
- (d) D. C
- (e) E. H

Direction (11-13): Study the following information carefully and answer the questions given below:

Each of the six students got different marks in an exam. D got less marks than only B. E got more marks than only two students. A didn't get less marks than E. C did not get least marks. The one who got second lowest, got 160 marks. A got 205 marks.

11. **The one who got maximum marks, got 100 marks more than C. Which of the following mark is got by one who got maximum marks?**

- (a) 225
- (b) 270
- (c) 260
- (d) 300
- (e) None of these

12. **Which of the following is true with respect to F as per the given information?**

- (a) The possible marks, got by F is 165
- (b) F got minimum marks.
- (c) Only two students got more marks than F

- (d) F definitely got more marks than C
- (e) None of these

13. **Which of the following may be the possible number of marks which E got?**

- (a) 210
- (b) 140
- (c) 185
- (d) 159
- (e) None of these

Directions (14-16): Study the following information carefully and answer the questions given below:

* D is the mother of E, who is the sister of F. * A is the father of C. B is wife of A. * F is son of C.

14. **How is E related to A?**

- (a) Son
- (b) Grandson
- (c) Granddaughter
- (d) Daughter
- (e) None of these

15. **How is B related to D?**

- (a) Mother-in-law
- (b) Sister
- (c) Mother
- (d) Can't be determined
- (e) None of these

16. **A man walks 12m east from point A and reaches point B. From point B he takes left turn and walks 4m and then he takes right turn and walked 6m and again he takes right turn and walks 7m and again takes right turn and reaches point M. If it is given that point B is in north from point M, then what is the distance between B and M?**

- (a) 7m
- (b) 6m
- (c) 5m
- (d) 4m
- (e) 3m

Directions (17-18): Study the following information and answer the given questions:

There are six family members A, B, C, D, E and F and all of them are of different age. A is younger than only one person. E is older than B and D but not as old as A. D is older than only one person. F is youngest in the family. The age of D is 25 year and the age of person who is second oldest is 40 year.

17. Who is oldest in the family?

- (a) A
- (b) B
- (c) D
- (d) E
- (e) C

18. What is the possible age of B?

- (a) 42 years
- (b) 20 years
- (c) 55 years
- (d) 19 years
- (e) 30 years

Directions (19-20): Study the following information carefully and answer the question given below:

There are four boxes i.e. J, K, L and M in which four types of fruits are stored. Fruits are Litchi, Apple, Grapes and Mango. Boxes are arranged in such a manner from top to bottom.

There are two boxes between K and L. The box in which grapes are stored is above L, but not immediate above. The box in which Apple is stored is immediate below M, but not stored in box L. Litchi box is above the Mango box, but not immediate above Apple box.

19. In which of the following box, Litchi is stored?

- (a) J
- (b) M
- (c) K
- (d) L
- (e) Either (a) or (b)

20. Which of the following fruit is stored in second lowest Box?

- (a) Grapes
- (b) Apple
- (c) Mango
- (d) Litchi
- (e) Can't be determined

21. If 2 is subtracted from each odd digit in the number 7493652 and 3 is added to each even digit in number then which of the following digit is repeated in the new number so obtained?

- (a) 9, 4
- (b) 6, 5
- (c) 5, 9

- (d) 5, 4
- (e) 5, 7

Directions (22-26): Study the following information carefully and answer the question given below:

Eight people viz. A, B, C, D, P, Q, R and S are sitting in a straight line. They all are facing north. Each one of them has a different age i.e. 14, 16, 17, 19, 21, 23, 26 and 31 year, but not necessarily in the same order.

B sits at one of the extreme end of the row. There are three persons sitting between C and Q. Q is neither 14 nor 19yr old. There are two persons sitting between D and the person whose age is 23yr. Neither Q nor D is the oldest person. Age difference of immediate neighbours of D is 5yr. A sits right to the R, but not immediate right. There are three persons sitting between B and the one whose age is 16yr. The one whose age is 19yr sits third to the right of C. R sits to the right of B. Q sits second to the right of the person whose age is 23yr. P sits immediate left of the person whose age is 14yr. Q is not youngest person. The one, whose age is 31yr is not immediate neighbour of the youngest person, C is not the fourth oldest person.

22. Who sits second to the right of D?

- (a) A
- (b) S
- (c) P
- (d) R
- (e) None of these

23. How many persons sits between the person whose age is 31yr and S?

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

24. Who among the following person is 26yr old?

- (a) R
- (b) D
- (c) C
- (d) S
- (e) None of these

25. If P is related to 16yr in the same way as B is related to 26yr, then which of the following is R related to, following the same pattern?

- (a) 19yr
- (b) 17yr

- (c) 21yr
- (d) 31yr
- (e) None of these

26. What is the age difference of A's immediate neighbours?

- (a) Three
- (b) Seven
- (c) Five
- (d) Six
- (e) None of these

27. Statement $C < L < O = U = D \geq S > Y$

Conclusions I. $O > Y$ II. $C < D$

- (a) Neither conclusion I nor II follows
- (b) Both conclusions I and II follows
- (c) Only conclusion I follows
- (d) Either conclusion II follows
- (e) Only conclusion I or II follows

28. Statement $K \geq L > M \geq N$

Conclusions I. $N \leq K$ II. $N < K$

- (a) Both conclusions I and II follows
- (b) Neither conclusion I nor II follows
- (c) Either conclusion I or II follows
- (d) Only conclusion I follows
- (e) Only conclusion II follows

29. Statement: $Z \geq Y = W \geq X$

Conclusions I. $W < Z$ II. $W = Z$

- (a) Only conclusion II follows
- (b) conclusion I follows
- (c) Neither conclusion I nor II follows
- (d) Either conclusion I or II follows
- (e) Both conclusions I and II follows

30. Statement: $B > A > S < I > C > L > Y$

Conclusions I. $B > L$ II. $A > Y$

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Either conclusion I or II follows
- (d) Neither conclusion I nor II follows
- (e) Both conclusions I and II follows

Direction (31-35): Study the following information carefully and answer the question below.

Certain number of persons are sitting around a circular table, all are facing towards the centre. N sits third to the left of F who sits just middle of J and O. Five persons are sitting between O and T (when counted from the left of O) who sits third to the right of G. One of the immediate neighbour of G is

4 more than its numerical alphabetically value. U sits second to the left of T. S sits opposite to U. Three persons are sitting between A and S. Q sits second to the left of Z. Only two persons are there in between A and Q. The person whose name starts with the eighth letter of English alphabetically series sits between U and T. A sits fourth to the left of H. Total number of persons sitting in the table is even number between (14-20). The difference between the numerical value in alphabetically series of S and the value according to the alphabetically series of the person sitting immediate left of S is 4 (also the person sitting immediate left of S is smaller in numerical value according to the English alphabetically series.)

31. Four of the following five are same and thus formed a group. Choose the one which does not belong to the group?

- (a) JF
- (b) QS
- (c) KA
- (d) NH
- (e) GU

32. If L and R are immediate neighbours of N being R on the immediate left then who sits third to the left of J?

- (a) R
- (b) L
- (c) G
- (d) A
- (e) Z

33. Who sits fifth to the left of N?

- (a) G
- (b) U
- (c) Z
- (d) A
- (e) J

34. If another person P is sitting between Z and Q then who sits third to the right of P?

- (a) G
- (b) K
- (c) J
- (d) A
- (e) None of these.

35. How many persons are sitting in the circle?

- (a) 18
- (b) 16
- (c) 14
- (d) 20
- (e) None of these.