

**Memory Based
Paper of
IBPS PO
Prelims 2018**

Reasoning

Memory Based Reasoning Paper of IBPS PO Prelims 2018

Directions (1-3): Read the following information carefully and answer the question given below it: Few person are sitting in a row facing north. 3 persons are sitting between M and N. K is third to the right of N. K is second to the left of P. Number of person between M and P is same as the number of person between M and L. Only three person sit to the left of L. Six person sit between L and J. Two person sit between P and R. R is sitting at second position from one of the end.

1. How many persons are sitting in the row?

- (a) 12
- (b) 26
- (c) 29
- (d) 18
- (e) None of these

2. What is the position of J with respect to M?

- (a) 2nd to the left
- (b) Immediate right
- (c) Immediate left
- (d) 2nd to the right
- (e) None of these

3. How many persons are sitting between M and P?

- (a) 5
- (b) 6
- (c) 7
- (d) 8
- (e) 9

Directions (4-8): Read the following information carefully and answer the question given below it: 8 persons P, Q, R, S, T, U, V and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. S was born in an odd number year. The difference between the present age of S and V is 5. Only 3 people were born between V and T. The present age of W is twice the present age of

Q. As many people were born between T and Q as between T and P. R was born in one of the years before P.

4. In which year was R born?

- (a) 1945
- (b) 1961
- (c) 1973
- (d) 1989
- (e) 2007

5. What is the age of U?

- (a) 62
- (b) 57
- (c) 22
- (d) 40
- (e) 73

6. What is the difference between the ages of S and R?

- (a) 17
- (b) 18
- (c) 19
- (d) 16
- (e) 15

7. Who was born before W but after U?

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

8. What will be the age of S after 4 years?

- (a) 60
- (b) 77
- (c) 61
- (d) 62
- (e) 76

9. How many such pairs of letters are there in the word **TRANSPORT** which have as many letters between them in the word as in the English alphabetical series?

- (a) One
- (b) Two
- (c) Three
- (d) More than three
- (e) None of these

10. If it is possible to make a meaningful word from first, fourth, sixth and ninth letters of the word **UNDERNEATH**, then which will be the first letter of that word? Mark **X** if no such word can be formed, **M** if more than one such word can be formed.

- (a) T
- (b) L
- (c) E
- (d) M
- (e) X

Directions (11-14): In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

11. **Statement:** $D \leq R > E \leq B$; $S \leq M = E > D$; $G > B$ **Conclusion:**

- 1. $D > U$
- 2. $B < R$
- (c) Only I is True
- (d) Only II is True
- (e) Either I or II is True
- (f) Neither I nor II is True
- (g) Both I and II are True

12. **Statement:** $D \leq R > E \leq B$; $S \leq M = E > D$; $G > B$ **Conclusion:**

- 1. $S < B$
- 2. $B = S$
- (c) Only I is True
- (d) Only II is True
- (e) Either I or II is True
- (f) Neither I nor II is True
- (g) Both I and II are True

13. **Q 96. R; P > F Conclusion:**

- 1. $F \geq R$
- 2. $N > F$
- (c) Only I is True
- (d) Only II is True
- (e) Either I or II is True
- (f) Neither I nor II is True
- (g) Both I and II are True

14. **Statement:** $Q > A \geq Z \leq X \leq C$; $Z = H$ **Conclusion:**

- 1. $Q > H$
- 2. $Z \leq C$
- (c) Only I is True
- (d) Only II is True
- (e) Either I or II is True
- (f) Neither I nor II is True
- (g) Both I and II are True

Directions (15-17): Read the following information carefully and answer the question given below it: **C, D, H, N, P, S** and **U** are seven members of a family. **D** is the mother of **F**, **N** is the son of **F**. **H** is the only sister of **N** and **U, S** is the father of **U**. **S** is the son of **C**.

15. If **P** is the father-in-law of **F**, then how is **C** related to **U**?

- (a) Mother
- (b) Grandmother
- (c) Father
- (d) Granddaughter
- (e) Grandson

16. How is **H** related to **F**?

- (a) Daughter
- (b) Niece
- (c) Son
- (d) Father
- (e) None of these

17. How is **N** related to **D**?

- (a) Daughter
- (b) Son
- (c) Granddaughter
- (d) Grandson
- (e) Son-in-law

18. Directions (18-23): Read the following information carefully and answer the question given below it:

8 people D, E, F, G, H, I, J and K are sitting around a square table in such a way that four of them sit at corners while four sit in the middle of each of the four sides. The ones sitting in the middle of the sides are facing centre and the ones sitting at the corners are facing outside. F sits second to the right of G only 3 people sit between F and J. Only 1 person sits between J and I (either form left or right). D sits second to the left of K is neither an immediate neighbour of I nor J. Only 3 people sit between D and E. E does not sit at any of the corners of the table.

19. Who sits 3rd to the right of H?

- (a) K
- (b) E
- (c) F
- (d) J
- (e) None of these

20. What is the position of I with respect to E?

- (a) Second to the right
- (b) Third to the right
- (c) Third to the left
- (d) Second to the left
- (e) None of these

21. Which of the following statements is/are true as per the given arrangement?

- 1. G is facing inside
- 2. H is an immediate neighbour of J.
- 3. F is sitting to the immediate left of K
- (d) Only one
- (e) Only two
- (f) Only three
- (g) Both one and three
- (h) Both two and three

22. Four of the following five are alike in a certain way. Which of the following does not belong to the group?

- (a) F
- (b) I
- (c) E
- (d) J
- (e) G

23. How many people sit between K and J when counted from right of G?

- (a) One
- (b) Two
- (c) Three
- (d) More than three
- (e) None

Directions (24-28): Read the following information carefully and answer the question given below it: There are 9 boxes kept one above the other. There are 5 boxes between box P and box R. Box T is kept immediately above R. 3 boxes are kept between box T and box S. Number of boxes between P and S is same as the number of boxes between T and Q. Box U is kept below box Q. Box W is kept somewhere below X. There is only one box kept between U and V.

24. Which of the following statement is not true?

- I. Two boxes between T and Q.
- II. S is kept below W.
- III. U is kept immediately above P.
- (a) Only I
- (b) Only II
- (c) Only III
- (d) Both I and II
- (e) Both I and III

25. V is related P and Q is related to X in certain manner. To which of the following is U related in the same manner?

- (a) R
- (b) W
- (c) S
- (d) T
- (e) None of these

26. How many boxes are kept between X and P?

- (a) 3
- (b) 5
- (c) 6
- (d) 4
- (e) 2

27. Which of the following pair of box is kept immediately above and below box Q respectively?

- (a) X and S
- (b) X and W
- (c) S and R
- (d) S and W
- (e) R and X

28. What is the position of box W in the given arrangement?

- (a) Third from the bottom
- (b) Fourth from the top
- (c) Fifth from top
- (d) Six from the bottom
- (e) Fourth from the bottom

Directions (29-33): Read the following information carefully and answer the questions that follow:

Seven people –G, H, J, K, L, M and N are sitting in a row at equal distances to each other and facing north direction. All of them likes different chocolates – Snickers, Dairy milk, Milky bar, 5-star, Kit Kat, Aero and Bar one (not necessarily in the same order). J is sitting exactly in the middle of the row but neither likes Dairy milk nor Bar-one. The one who likes Snickers is sitting sixth to the left of the one who likes Milky bar. G is sitting with the one who likes Milky bar. H is not sitting with J but likes 5-star. M and N are not sitting at any of the extreme ends. K does not like Milky bar. N neither likes Kit Kat nor is sitting with G. The one who likes Bar one is sitting to the immediate left of the one who likes Dairy milk

29. Who among the following likes Kit Kat?

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

30. Which of the following chocolate does 'G' like?

- (a) Aero
- (b) Bar one
- (c) Dairy milk
- (d) Kit Kat
- (e) Snickers

31. Which of the following statements is true with respect to K?

- (a) K does not like Snickers.
- (b) K is sitting at the extreme right end.
- (c) K is sitting between H and J.
- (d) K likes Aero.
- (e) K is sitting fourth to the left of M.

32. Which of the following statements is not true as per the given details?

- (a) M likes Bar one.
- (b) J is sitting between M and N.
- (c) L is sitting third to the right of J.
- (d) The one who likes 5-star is not sitting with the one who likes Aero.
- (e) L does not like Dairy milk.

33. Which of the following combination is correct?

- (a) K, Bar one
- (b) M, 5-star
- (c) L, Milkybar
- (d) M, Aero
- (e) N, Dairy milk

Directions (34-36): In the following question, a given questions is followed by information in three statements. You have to find out the data in which statement (s) is sufficient to answer the question and mark your answer accordingly.

34. A group of six students G, H, I, J, K and L are sitting around a circular table facing the centre. Who is sitting opposite to H?

- I. L is sitting to the immediate left of K.
- II. K is sitting opposite to G.
- III. H is sitting to the immediate right of G.
- (a) Data insufficient.
- (b) All the statements are required.
- (c) Statements I and II together are sufficient.
- (d) Statements II and III together are sufficient.
- (e) Statements I and III together are sufficient.

35. In a company there are 5 people, L, M, N, O and P who have different salary per month. Who earns the least?

- I. Only two people earn more than N
 - II. M is not one of the top two paid employees.
 - III. Three people earn more than O.
- (a) Only statement III is sufficient
 - (b) Only I and II are sufficient
 - (c) Only II and III are sufficient
 - (d) All the statements are needed
 - (e) Insufficient data

36. In a row of 20 people facing north, what is the position of P from the right?

- I. There are 5 people are standing between P and R.
 - II. R is standing eleventh to the right of Q.
 - III. Only 3 people are standing to the left of Q.
- (a) Only I is sufficient
 - (b) Only I and II are sufficient
 - (c) Only I and III are sufficient
 - (d) Only II and III are sufficient
 - (e) All the statements are required

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