

**Memory Based
Paper of
NIACL AO Prelims
2018**

Reasoning Ability

10POINTER

Your Study Companion

Memory Based Reasoning Ability Paper for NIACL-AO Prelims 2018

Direction (1-5): Study the following information carefully and answer the questions given below:

Nine persons viz. A, B, C, D, E, P, Q, R and S, have born in three different dates such as- 7th, 10th and 15th of three different months i.e. May, June and October but not necessarily in the same order.

B was born on 15th in the month which has 31 days. Two persons were born between A and B. Number of persons born after B is same as before Q. No one was born between B and D, but both were not born in the same month. R was born just before P, but not in the month of October. Both S and E were born on the same dates. More than two persons were born between C and E.

1. How many persons born after D as per the given information?

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

2. How many persons born between P and B as per the given information?

- (a) Four
- (b) More than four
- (c) Two
- (d) One
- (e) None of these

3. Who among the following born on 10th June?

- (a) S
- (b) E
- (c) P
- (d) C
- (e) A

4. 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) RB
- (b) SA
- (c) QE
- (d) EC
- (e) CQ

5. Who among the following born just before of Q?

- (a) E
- (b) P
- (c) A
- (d) D
- (e) S

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

Eight persons L, M, N, O, P, Q, R and S are sitting around a circular table but not necessarily in the same order. **(Some of them facing in the center while some are facing outside of the center).**

M sits 2nd to the right of N. Both M and N are facing in the same direction. M sits 2nd to the right of Q. Three persons sit between R and S, who does not sit near to M and Q. Three persons sit between L and O. P sits immediate left of L. Both P and O face same direction as L. O sits 2nd to the right of R, who faces inside the center. N sits immediate left of S.

6. How many persons sit between L and N, when counted from left of N?

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

7. Who among the following person sits 3rd to the right of M?

- (a) R
- (b) L
- (c) Q
- (d) S
- (e) None of these

8. Who among the following person sits opposite to N?

- (a) L
- (b) R
- (c) O
- (d) Q
- (e) None of these

9. If O and S interchanged their position than who among the following person faces O?

- (a) R
- (b) M
- (c) Q
- (d) P
- (e) None of these

10. How many persons face outside to the center?

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

Directions (11-15): Study the information carefully and answer the questions given below.

Nine persons live in a nine floored building such that the ground floor is numbered one, and the topmost floor is numbered nine. Equal number of persons live above and below D. Two persons live between D and H. Four persons live between F and E. E lives immediately above A. Neither B nor G lives next to I. Equal number of persons live between B and C and C and G. Not more than four persons live between I and G.

11. On which of the following floors does I live?

- (a) 2nd
- (b) 1st
- (c) 5th
- (d) 7th
- (e) None of these

12. How many persons live between E and H?

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

13. Four of the five are alike in a certain way, who among the following does not belong to that group?

- (a) I
- (b) F
- (c) C
- (d) B
- (e) D

14. Who among the following lives on floor number 7?

- (a) E
- (b) F
- (c) C
- (d) B
- (e) None of these

15. Which among the following pair represents the persons living immediately above and immediately below G?

- (a) E, H
- (b) F, G
- (c) C, D
- (d) B, I
- (e) None of these

Direction (16-20): Study the following information carefully and answer the given questions.

In a certain code language,

'new venture with experts' is written as 'rb st ap di'.

'experts bring new information' is written as 'di mu st co'.

'venture for exploring purpose' is written as 'hz jk vg ap'.

'purpose bring with details' is written as 'fe vg co rb'.

16. Which of the following is the code for 'bring data'?

- (a) di vg
- (b) co rb
- (c) rb di
- (d) vg xl
- (e) xl co

17. What does 'jk' stands for?

- (a) for
- (b) exploring
- (c) purpose
- (d) Either for or exploring
- (e) details

18. If 'with new country' is written as 'pg rb di', then which of the following is the code for 'country purpose experts'?

- (a) vg hz pq
- (b) pq fe st
- (c) st pq vg
- (d) hz ap st
- (e) pq st ap

19. What is the code for 'venture'?

- (a) ap
- (b) rb
- (c) mu
- (d) vg
- (e) Can't be determined

20. What is the code for 'information details'?

- (a) mu ap
- (b) fe vg
- (c) rb fe
- (d) co mu
- (e) mu fe

Direction (21-24): Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

21. Statements:

- (i) Some rats are crows.
- (ii) No crow is bat.
- (iii) Some bats are horses.

Conclusion:

- (i) Some horses are crows.
- (ii) No horse is a crow.
- (a) Only I follows
- (b) Only II follows
- (c) Either I or II follows
- (d) Neither I nor II follows
- (e) Both I and II follows

22. Statements:

- (i) All sums are product.
- (ii) Some products are multiples.
- (iii) All multiples are dividends.

Conclusions:

- (i) At least some products are dividends.
- (ii) Some sums being dividend is a possibility.
- (a) Only I follows
- (b) Only II follows
- (c) Either I or II follows
- (d) Neither I nor II follows
- (e) Both I and II follows

23. Statements:

- (i) Some rats are crows.
- (ii) No crow is bat.
- (iii) Some bats are horses.

Conclusions:

- (i) No rat is a horse.
- (ii) All bats can never be rats.
- (a) Only I follows
- (b) Only II follows
- (c) Either I or II follows
- (d) Neither I nor II follows
- (e) Both I and II follows

24. Statements:

- (i) Some pictures are videos.
- (ii) Some videos are movies.
- (iii) All bus are movies.

Conclusions:

- (i) All pictures cannot ever be movies.
- (ii) All videos being bus is a possibility.
- (a) Only I follows
- (b) Only II follows
- (c) Either I or II follows
- (d) Neither I nor II follows
- (e) Both I and II follows

25. How many pairs of letters are there in the word 'INVESTORS' which have as many letters between them in the word (in both forward and backward directions) as they have between them in the english alphabetical series.

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

Direction (26-28): Study the following information carefully and answer the following question:

There are five ropes of different colour kept on the table. The red color rope is shorter than only rope A. Rope E is greater than D but shorter than F. Green color rope is greater than only pink rope. Rope D

is not of green color. Rope G is greater than yellow color but shorter than blue colored rope. The second longest rope is 76 m and the length of shortest rope is 59 m.

26. If the length of rope E is 67 m, then what is the probable length of rope yellow?

- (a) 63 m
- (b) 81 m
- (c) 70 m
- (d) 78 m
- (e) 55 m

27. Which among the following rope is pink in color?

- (a) E
- (b) F
- (c) A
- (d) G
- (e) D

28. Which of the following is true?

- (i) Only the length of 1 rope is greater than rope G.
- (ii) Length of red rope is smaller than only blue rope.
- (iii) The length of rope F is the third shortest.
- (a) II & III
- (b) Only I
- (c) I, II and III
- (d) I & II
- (e) Only III

Direction (29-31): Study the following information and answer the questions given below:

A is the mother of D. D is married to B. A is married to R. H is the father of B. K, the brother of B is the only son of V. K is unmarried. V has only two children. G is the sister-in-law of B.

29. How is V related to D?

- (a) Mother
- (b) Mother-in-law
- (c) Father
- (d) Father-in-law
- (e) Can't be determined

30. If C is the father of H, then how is K related to C?

- (a) Nephew
- (b) Niece
- (c) Grandson

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

31. How is G related to A?

- (a) Daughter
- (b) Son
- (c) Nephew
- (d) Daughter-in-law
- (e) Can't be determined

Direction (32-34): In the given question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

32. Statements:

$F < G < H \geq T > R = E; F \geq N; P \leq T > B$

Conclusions:

- (i) $F > B$
- (ii) $E < G$
- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Both I and II are true
- (e) None is true

33. Statements:

$U \geq S > D \geq F = G < H; M \leq F > T$

Conclusions:

- (i) $U > T$
- (ii) $M < H$
- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Both I and II are true
- (e) None is true

34. Statements:

$F < G < H \geq T > R = E; F \geq N; P \leq T > B$

Conclusions:

- (i) $P < E$
- (ii) $H > N$
- (a) Only I is true
- (b) Only II is true
- (c) Either I or II is true
- (d) Both I and II are true
- (e) None is true

35. If it is possible to make only one meaningful English word with the first, the third, the fourth and the sixth letters of the word INTRODUCE, which of the following will be the third letter of that word? If no such word can be made give 'X' as the answer and if more than one such word can be made give 'Y' as the answer.

- (a) X
- (b) Y
- (c) R
- (d) D
- (e) T

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