

Circular Seating Arrangement for Bank Mains Exam – Set 1

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

Nine persons – B, C, D, E, F, G, H, I, and J are sitting around a circular table in such a way that some are facing the center whereas some are facing away from the center. The consecutive alphabetically named persons are not sitting together. Not more than two persons facing the same direction are sitting together.

G sits third to the left of E, and vice versa. E sits second to the left of H. J sits third to the left of C, who sits facing away from the center. G is not an immediate neighbour of both J and C. B sits immediate right of I and vice versa. Neither G nor

D sits adjacent to I. F sits fourth to the left of B. J and I are not facing the same direction. Immediate neighbors of G are facing in the opposite direction.

1) What is the position of H with respect to D?

- A. Fourth to the left
- B. Second to the left
- C. Third to the right
- D. Immediate left
- E. None of these

2) Who among the following person sits second to the left of I?

- A. The one who sits second to the right of F

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B.H

C.The one who sits immediate left of B

D.D

E.None of these

3) How many persons are sitting between B and J when counted to the right of J?

A.As many persons sit between C and the one who sits immediate left of G when counted to the right of C.

B.Four

C.As many persons sit between C and F

D.Five

E.None of these

4) Four of the following five are alike in a certain way as per the given arrangement and thus form a group. Find the one that does not belong to that group?

A.The one who sits third to the right of E

B.D

C.The one who sits immediate left of C

D.The one who sits second to the left of G

E.C

5) Which of the following statement is not true?

A.F sits third to the right of G

B.C sits immediate left of I

C.D and G are sitting together

D.J sits fourth to the right of the one who sits immediate right of C

E.All the above statements are true

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

Nine persons – P, Q, R, S, T, U, V, W, and X are sitting around a circular table facing the center.

Each person likes different numbers viz.- 12, 13, 15, 16, 17, 18, 21, 25, and 28. All the given information is not necessary in the same order.

Note: The consecutive alphabetically named persons are not sitting together.

T sits three places away from the one who sits immediate right of V. The one who likes 18 sits third to the left of T.W likes the number which is six less than X and sits fourth to the right of S, who likes 28. Both W and X sit adjacent to neither T nor P. X sits third to the right of P, who likes a number which is three less than W. V likes the number which is four more than the one who sits second to the right of U. The number of persons sitting between U and X is the same as the number of persons sitting between the one who likes 13 and P, when counted from the left of both P and U. Q likes a number which is a multiple of 5.

6) What is the position of Q with respect to the one who likes 17?

A.Fourth to the left

B.Second to the right

C.Third to the right

D.Immediate left

E.None of these

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7) Who among the following person sits second to the right of the one who sits fifth to the left of W?

- A.U
- B.The one who likes 21
- C.The one who sits immediate left of T
- D.The one who likes 15
- E.None of these

8) How many persons are sitting between the one who likes 13 and Q when counted from the right of Q?

- A.As many persons are sitting between V and the one who likes 25 when counted from the right of V
- B.Four
- C.As many persons are sitting between T and the one who likes 15 when counted from the left of T
- D.Either A or C
- E.None of these

9) Who among the following person likes 16?

- A.The one who sits second to the left of V
- B.U
- C.The one who sits immediate right of R
- D.Both A and C
- E.None of these

10) Which of the following statement(s) is/are not true?

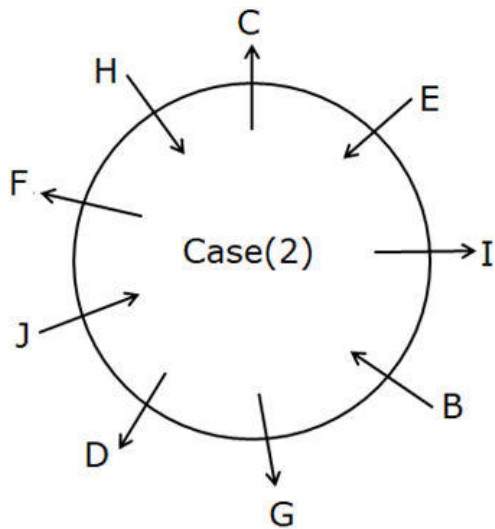
- A.U sits third to the right of S
- B.V likes 17
- C.Atleast three persons are sitting between R and X
- D.X sits second to the right of V
- E.All the above statements are true

ANSWER WITH EXPLANATION

Direction (1-5):

- 1. Answer: C
- 2. Answer: A
- 3. Answer: A
- 4. Answer: C (All of them are facing away from the centre except option C)
- 5. Answer: B

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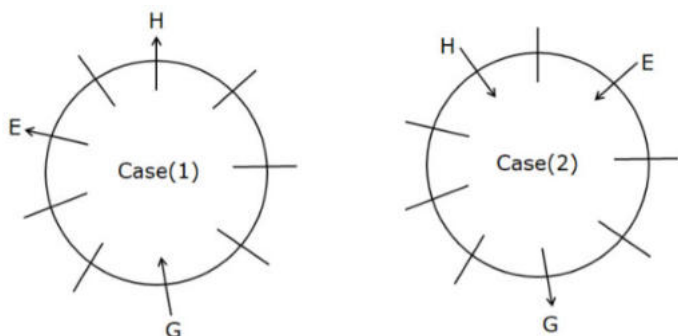
We have:

- G sits third to the left of E, and vice versa.
- E sits second to the left of H.

Since, the consecutive alphabetically named persons are not sitting together, thus G and H are not sitting together.

That means, in case (1) G sits facing the center, and H sits facing away from the center, in case (2) G sits facing away from the center, and H sits facing the center.

Based on the above given information we have:

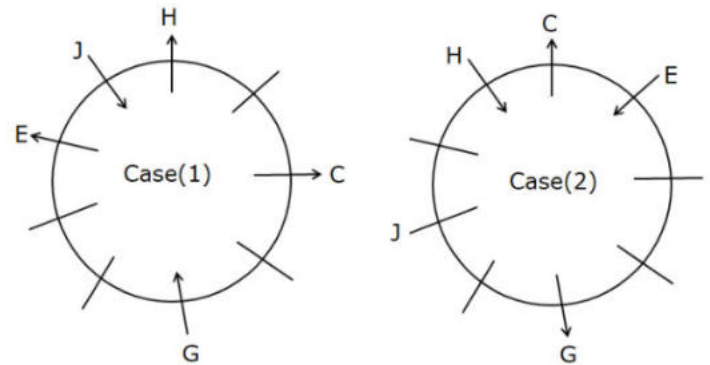


Again, we have:

- J sits third to the left of C, who sits facing away from the center.
- G is not an immediate neighbour of both J and C.

That means, in case (1) C sits second to the right of G, in case (2) C sits fourth to the left of G.

Based on the above given information we have:



Again, we have:

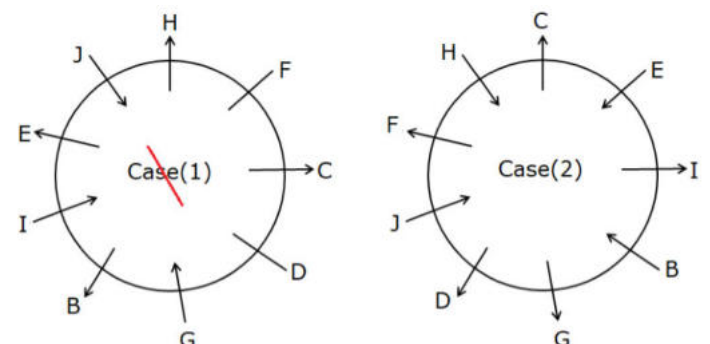
- B sits immediate right of I and vice versa.
- F sits fourth to the left of B.
- Neither G nor D sits adjacent to I.

That means, in case (2) B sits immediate left of G, case (1) is not valid.

- J and I are not facing the same direction.
- Immediate neighbors of G are facing in the opposite direction.

That means, D sits facing away from the center.

Based on the above given information we have:

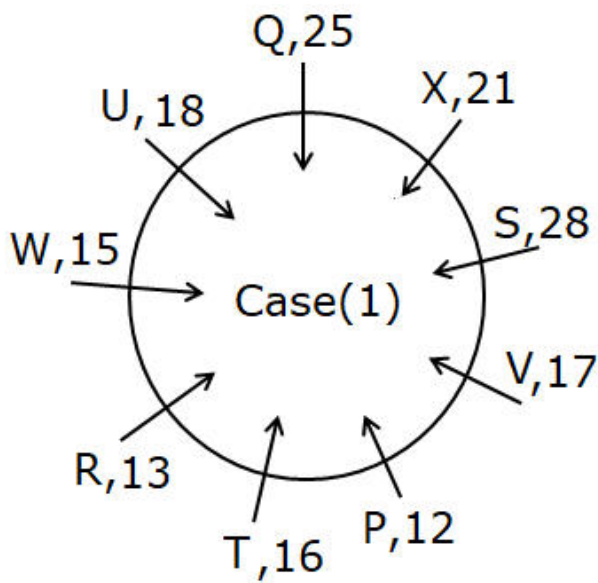


Case (1) is not valid as the consecutive alphabetically named persons are not sitting together, thus C and D can't sit together.

Direction (6-10):

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- 6. Answer: C
- 7. Answer: B
- 8. Answer: A
- 9. Answer: D
- 10. Answer: E



We have:

- T sits three places away from the one who sits immediate right of V.

That means, in case (1) V sits second to the right of T, in case (2) V sits fourth to the left of T.

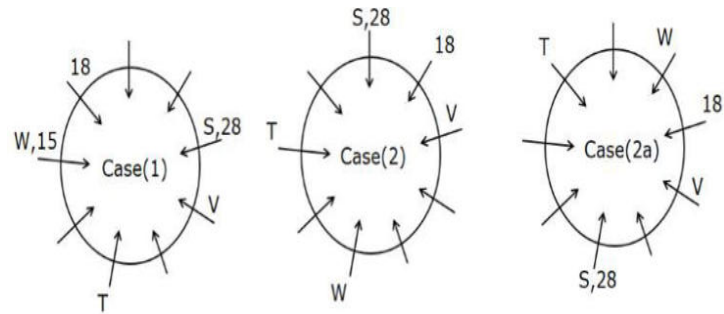
- The one who likes 18 sits third to the left of T.
- W likes the number which is six less than X and sits fourth to the right of S, who likes 28.

Since, only such possible combination is (12, 18), and (15, 21).

- Both W and X sits adjacent to neither T nor P.

That means, in case (1) W sits second to the left of T, in case (2) W sits second to the right of T, in case (2a) W sits second to the left of T.

Based on the above given information we have:



Again, we have:

- X sits third to the right of P, who likes a number which is three less than W.

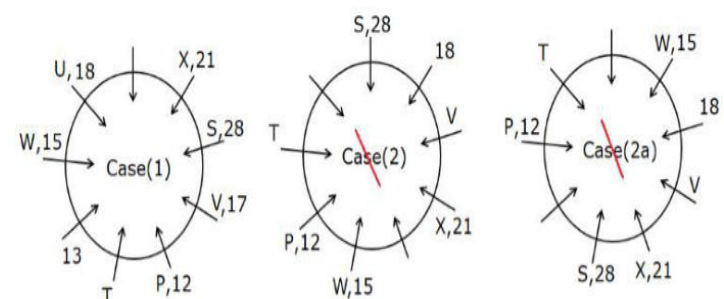
Thus, only possible combination of W and P must be (15, 12).

That means, in case (1) X sits immediate right of S, case (2) is not valid.

- V likes the number which is four more than the one who sits second to the right of U.
- The number of persons sitting between U and X is the same as the number of persons sitting between the one who likes 13 and P, when counted from the left of both P and U.

That means, U sits immediate left of W, and V likes 17.

Based on the above given information we have:



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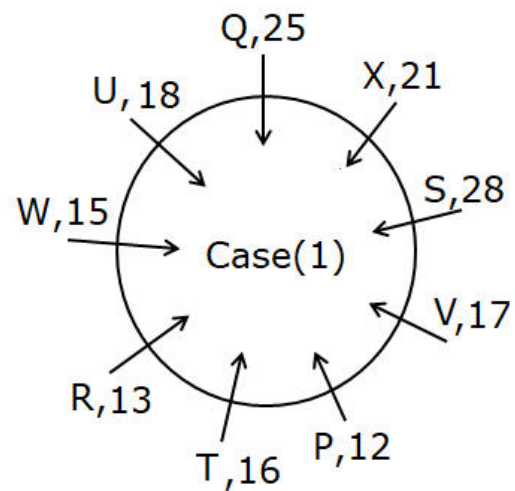
Case (2) is not valid as X sits third to the right of P, who likes a number which is three less than W. & case (2a) is not valid as The number of persons sitting between U and X is the same as the number of persons sitting between the one who likes 13 and P, when counted from the left of both P and U.

Again, we have:

- Q likes a number which is a multiple of 5.

That means, Q sits immediate left of U.

Based on the above given information we have:



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