

# **Important Circular Seating Arrangement Questions (with Single Variable)** For SBI Clerk/ RBI Asst Prelims

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## Important Circular Seating Arrangement for SBI Clerk/RBI Asst Prelims

**Direction(1-5):** Study the following data carefully questions accordingly. and answer

A, B, C, D, E, F, G and H are sitting around a circle some facing towards the centre and some facing outside the centre but not necessarily in the same order.. A sits second to left of C and E sits third to right of A. only three persons are sitting between E and B. E facing opposite direction as H. H sits immediate right of C. D sits second to right of F who sits third to the left of H. A and C are facing opposite direction. C sits third to right of G and both facing same direction. D and B are facing same direction as facing F. E facing inside the circle.

- 1. Who is to the immediate right of C?
  - (a) D
  - (b) H
  - (c) F
  - (d) A
  - (e) None of these
- 2. Who is to the third to the right of E?
  - (a) A
  - (b) C
  - (c) H
  - (d) D
  - (e) None of these
- 3. Who is to the immediate left of G?
  - (a) E
  - (b) A
  - (c) B
  - (d) F

- (e) Data inadequate
- 4. Who is third to the right of D?
  - (a) E
  - (b) B
  - (c) E
  - (d) G
  - (e) None of these
- 5. In which of the following is the first person sitting in between the second and the third person?
  - (a) EDH
  - (b) HGE
  - (c) BCA
  - (d) BAG
  - (e) None of these

Directions (6-10): Study the information carefully and answer the questions given below. Seven persons S, T, U, V, W, X and Y are sitting in a circular table Some of them facing towards center and some of them facing away from center but not necessary in same order. V sits third to the right of T. W sits immediate left of V. Two persons sit between T and Y. S is immediate neighbor of U. S sits third to the right of X. Immediate neighbor of Y face opposite direction to each other. Y face towards the center. Neither Y nor U face same direction as V. Not more than four person face towards

#### 6. Who is to the immediate left of V?

(a) X

center.



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- (b) S
- (c) W
- (d) T
- (e) None of these
- 7. Which pair is facing outside?
  - (a) XT
  - (b) SY
  - (c) WU
  - (d) VT
  - (e) None of these
- 8. Who is sitting third to the left of T?
  - (a) Y
  - (b) U
  - (c) S
  - (d) V
  - (e) None of these
- 9. Who is sitting second to the right of W?
  - (a) S
  - (b) Y
  - (c) S
  - (d) V
  - (e) None of these
- 10. Who is sitting fourth to the right of X?
  - (a) W
  - (b) Y
  - (c) S
  - (d) V
  - (e) None of these

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

Eight friends A, B, C, D, E, F, G and H are sitting around a circle facing outside the centre such a way that no two people are sitting together according to alphabetical order (for ex- A can't sit with B etc.) but not necessarily in the same order. G sits second to the left of H who sits third to the left of E. Only three person are sitting between G and B. B sits immediate right to F who sits second to left of E. A sits third to the right of B. G sits second to the right of C.

- 11. Who is sitting third to the right of F?
  - (a) C
  - (b) B
  - (c) H
  - (d) D
  - (e) None of these
- 12. What is the position of B with respect to A when in counted anticlockwise direction?
  - (a) Immediate right
  - (b) Immediate left
  - (c) Third to the right
  - (d) Third to the left
  - (e) None of these
- 13. What is F's position with respect to G?
  - (a) Third to the right
  - (b) Second to the right
  - (c) Third to the left
  - (d) Second to the left
  - (e) Fourth to the right
- Q14. Four of the following five pairs are alike in a certain way based on their positions in the above arrangement and so form a group. Which of the following does not belong to the group?
  - (a) CH
  - (b) BG
  - (c) FA
  - (**d**) DB
  - (e) None of these
- Q15. Which one of the following statements is false according to the above mentioned arrangement?
  - (a) G is to the immediate left of D.



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- (b) B sits opposite to A.
- (c) H sits opposite to C.
- (d) E sits fourth to the right of D.
- (e) None of these

Directions(16-20): Study the following information carefully and answer the given questions: Eight persons i.e. A, B, C, D, W, X, Y, and Z are seated around a circular table among them only 3 are facing to the centre and rest are facing opposite to the centre (not necessarily in the same order). Y sits third to the left of D who facing same direction as W. A sits third to the right of X and third to the left of B. Z sits immediate right of D. C sits third to left of W and facing opposite direction as facing B. Y sits fifth to the right of X. D is facing inside.

#### 16. Who is sitting third to the right of B?

- (a) Z
- (b) A
- (c) C
- (d) D
- (e) None of these

#### 17. W is facing in which direction??

- (a) Outside the centre
- (b) Inside the centre
- (c) Same as C faces
- (d) Both (b) and (c)
- (e) None of these

### 18. What is the position of B with respect to Z when in counted anticlockwise direction from Z?

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

#### 19. Who is sitting second to the right of Y?

- (a) Z
- (b) A
- (c) C
- (d) D
- (e) None of these

#### 20. If D interchanged his position with B and, C interchanged his position with A. who immediately left of C in new arrangement?

- (a) B
- (b) A
- (c) Z
- (d) D
- (e) None of these

## Direction (21 - 25): Study the following information carefully and answer the questions given below.

Eight people are sitting around a circular table facing towards the centre of the table(not necessarily in the same order). There are two people sitting between P and Q (either left or right). R sits to the immediate right of Q. S sits second to the left of R. There are three people sitting between S and T. U is an immediate neighbour of T. Three people are sitting between U and V. W sits second to the left of V.

### 21. How many people are sitting between S and W when counted from the left of S?

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

## 22. Who among the following are the immediate neighbours of W?

- (a) U,R
- (b) P,S
- (c) T,P
- (d) V,T
- (e) None of these

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- 23. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which is the one that doesn't belong to that group?
  - (a) WP
  - (b) OR
  - (c) TW
  - (d) UV
  - (e) None of these
- 24. Who sits to the immediate right of V?
  - (a) Q
  - (b) S
  - (c) P
  - (d) T
  - (e) U
- 25. What is the position of S with respect to R?
  - (a) Third to the right
  - (b) Second to the right
  - (c) Third to the left
  - (d) Second to the left
  - (e) Fourth to the right
- Directions (26-30): Study the following information carefully and answer the question given below:

Eight friends S, T, U, V, W, X, Y and Z are seating around a circular table. Some of them are facing inside & others are facing outside. Opposite direction means if one is facing inside the centre, second one face outside the centre, and vice versa.

Three person are sitting between X and V and both face opposite direction to each other. W is sitting second to right of both V and X, and face opposite direction as X faces. U is sitting third to right of W, who is not opposite to T. Y is neighbour of both W and V, and sitting second to right of T, who is not a neighbour of W. Y is third to left of S, who is third to right of both Y and Z. T face towards the centre and is sitting second to left of U.

- 26. What is the position of Z with respect to U?
  - (a) Third to the right
  - (b) Second to the right
  - (c) Third to the left
  - (d) Second to the left
  - (e) Fourth to the right
- 27. How many persons are facing away from the centre?
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
  - (e) 5
- 28. Who among the following pairs are facing same direction and seating opposite to each other?
  - (a) ZT
  - (b) YU
  - (c) XS
  - (d) UV
  - (e) None of these
- 29. If all the friends are seating according to alphabetical order in anti clock wise direction, starting from S, how many friends remain at same position (excluding S)?
  - (a) 1
  - (b) 2
  - (c)3
  - (d) 4
  - (e) 5
- 30. What is the position of V with respect to X?
  - (a) Third to the right
  - (b) Second to the right
  - (c) Third to the left
  - (d) Second to the left
  - (e) Fourth to the right

Directions (31-35): Study the following information carefully and answer the questions given below:



# Important Circular Seating Arrangement Questions (with Single Variable) For SBI Clerk/ RBI Asst Prelims

Eight persons L, M, N, O, P, Q, R and S are sitting around a circular table facing inside of the table. But not necessarily in the same order. M sits immediate left of the one who sits opposite to L. One person sits between M and P. N is not an immediate neighbor of L and M. Q sits third to the right of O who sits immediate right to N. S does not sit opposite to P and not an immediate neighbor of R.

#### 31. What is the position of R with respect to N?

- (a) Third to the right
- (b) Second to the right
- (c) Third to the left
- (d) Second to the left
- (e) Fourth to the right

#### 32. Which of the following is true regarding P?

- (a) P sits opposite to R
- (b) P sits third to the right of L
- (c) P is an immediate neighbor of the one who sits opposite to Q
- (d) Both (a) and (c)
- (e) None is true

### 33. How many persons sits between L and M, when counted from left side of L?

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

## 34. If L is related to S, O is related to M then, in the same way R is related to whom?

- (a) Q
- (b) S
- (c) N
- (d) L
- (e) P

## 35. Who sits to the immediate left of who sits second to right of N?

(a) O

- (b) S
- (c) N
- (d) L
- (e) Q

### Directions (36-40): Study the following information carefully and answer the questions given below:

Eight people A, B, C, D, E, F, G and H are sitting in a circular table. Some of them facing towards center and some of them facing outside the center but not necessarily the in same order. C sits second to the right of F. One person sits between C and D. E sits third to the right of G. E face opposite direction of C. E is not immediate neighbor of D and F. G sits second to the left of A, who sits second to the right of B. B and A are not immediate neighbors of D. H and D sit immediate right to each other. C faces the same direction as A. E faces towards the center.

#### 36. Who among the following sits opposite to E?

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

#### 37. What is the position of F with respect to G?

- (a) Third to the right
- (b) Second to the right
- (c) Third to the left
- (d) Second to the left
- (e) Fourth to the right

## 38. If all the friends are seating according to alphabetical order in anti clock wise direction, starting from A, how many friends remain at same position (excluding A)?

- (a) One
- (b) Two
- (c) More than three
- (d) Three

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- (e) None
- 39. Who sits to the immediate right of G?
  - (a) A
  - (b) F
  - (c) H
  - (d) D
  - (e) C
- 40. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which is the one that doesn't belong to that group?
  - (a) FD
  - (b) GB
  - (c) EC
  - (d) AH
  - (e) HD

Directions(41-45): Study the following information carefully and answer the question that follows:

Seven friends A, B, C, D, E, F and G are sitting around a round table but not necessarily in the same order. Four of them are facing outward and rest are facing inward. B is second to the left of D. Both D and B face outward direction. F is third to the left of B. The E is a neighbor of both F and D. E and F are facing in the opposite direction. A, who faces in the outward direction, is sitting second to the left of F. C is not a neighbor of both F and A. Both G and C face inward.

- 41. Who among the following sits adjacent to G?
  - (a) A
  - (b) B
  - (c) E
  - (d) D
  - (e) C
- 42. Who among the following is facing inward?
  - (a) A
  - (b) B
  - (c) E
  - (d) D
  - (e) F

- 43. Who sits third to the left of B?
  - (a) A
  - (b) F
  - (c) C
  - (d) G
  - (e) D
- 44. Who is sitting second to the right of G?
  - (a) A
  - (b) F
  - (c) C
  - (d) E
  - (e) D
- 45. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which is the one that doesn't belong to that group?
  - (a) A
  - (b) B
  - (c) C
  - (d) E
  - (e) D

Directions(46-50): Study the following information carefully and answer the question that follows:

Eight people G, H, I, J, K, L, M and N are sitting around a circular arrangement at equal distance facing towards the centre, but not necessarily in the same order.

M is second to the right of K. G is sitting third to the right of N. One person is sitting between J and G. I and H are immediate neighbours of N. L is not an immediate neighbour of G. H is not an immediate neighbour of K.

- 46. M is related to N. In the same manner, who is related to K?
  - (a) H
  - (b) I
  - (c) J
  - (d) G
  - (e) L



<b>47.</b>	Four	of	the	following	are	alike.	Which	one	does
not	belon	g to	o the	e group?					

- (a) K,L
- (b) N,M
- (c) N,J
- (d) J,I
- (e) H,G

#### 48. Who sits immediate left of who facing G?

- (a) L
- (b) I
- (c) H
- (d) M
- (e) J

#### 49. Who sits immediate right to M?

- (a) L
- (b) I
- (c) N
- (d) J
- (e) H

#### 50. Who is fifth to the right of H?

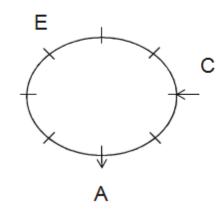
- (a) J
- (b) M
- (c) K
- (d) I
- (e) N

## **Answer and Explanation:**

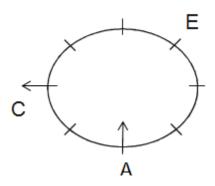
- 1. A and C are facing opposite direction.
- 2. A sits second to left of C and E sits third to right of A



#### CASE 1:



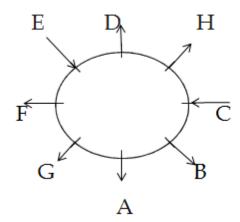
#### CASE 2:



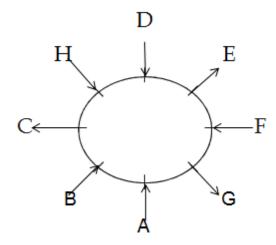
- 3. Only three persons are sitting between E and B.
- 4. H sits immediate right of C.
- 5. D sits second to right of F who sits third to the left of H.
- 6. A and C are facing opposite direction.
- 7. C sits third to right of G and both facing same direction.
- 8. D and B are facing same direction as F.
- 9. E facing opposite direction as H.



CASE 1



CASE2



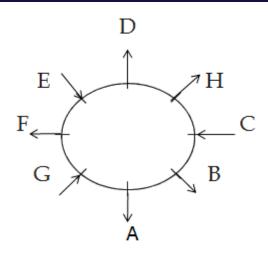
10. E facing inside the circle.

11. So case 2 is eliminated.

Final arrangement is



# **Important Circular Seating Arrangement Questions (with Single Variable)** For SBI Clerk/ RBI Asst Prelims



#### 1. B. 2. A. 3. D. 4. B. 5. C

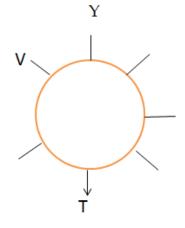
#### **SOLUTION(6-10):**

### **Explanation in detail:**

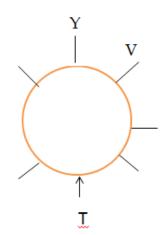
- 1. V sits third to the right of T.
- 2. Two persons sit between T and Y.
- 3. V is an immediate neighbour of Y.

There can be two cases:

CASE1:



CASE2:

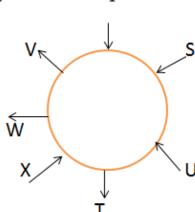


- 3. W sits immediate left of V.
- 4. S is immediate neighbor of U.

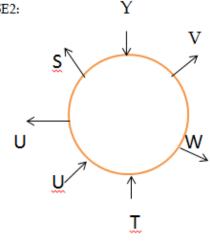


- 5. S sits third to the right of X.
- 6. Immediate neighbor of Y face opposite direction to each other.
- 7. Y face towards the center.

CASE1:

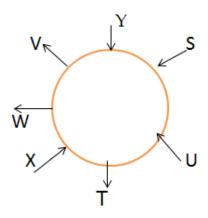


CASE2:



8. Neither Y nor U face same direction as V.

So CASE2 is eliminated.



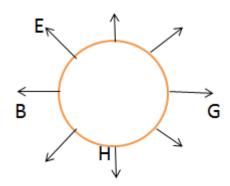
6. C. 7. D. 8. A. 9. B. 10. B

## **SOLUTION**(11-15):

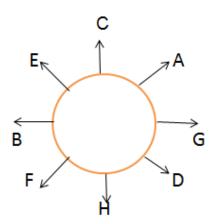
#### **Explanation in detail:**

1. G sits second to the left of H who sits third to the left of E.





- 2. Only three person are sitting between G and B.
- **3.** B sits immediate right to F who sits second to left of E.
- **4.** A sits third to the right of B. G sits second to the right of C.



11. a. 12. D. 13. A. 14. D. 15. b

#### **SOLUTION(16-20):**

## **Explanation in detail:**

- 1. Y sits third to the left of D
- 2. Z sits immediate right of D.

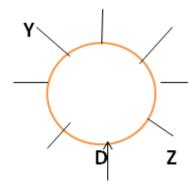
There can be two cases:



CASE1

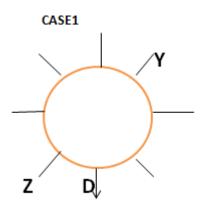
Z

CASE2

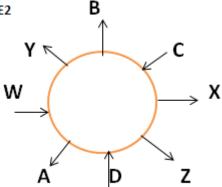


- 3. A sits third to the right of X and third to the left of B
- 4. C sits third to left of W and facing opposite direction as facing B.
- 5. D facing same direction as W.
- 6. Y sits fifth to the right of X.

CASE1 cancelled out because there is no such space for X.



CASE2



Case 2 is final arrangement.

16. a 17. D. 18. B. 19. C. 20. a

**SOLUTION(21-25):** 

- 1. There are two people sitting between P and Q (either left or right).
- 2. R sits to the immediate right of Q.
- 3. S sits second to the left of R

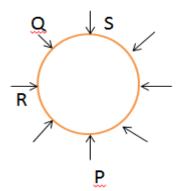


There can be two cases:

CASE1

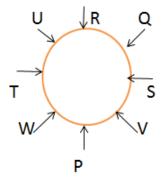
R Р

CASE2



CASE1 cancelled out because three people sitting between S and T

- 4. S sits second to the left of R
- 5. U is an immediate neighbour of T.
- 6. Three people are sitting between U and V.
- 7. W sits second to the left of V.



Case 1 is final arrangement.

b 22. C. 23. C. 24. B. 25. d

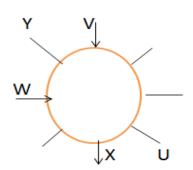
**SOLUTION(26-30):** 

- 1. Three person are seating between X and V
- **2.** X and V face opposite direction to each other.

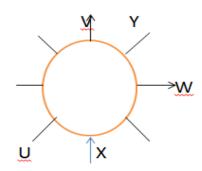


- **3.** W is seating second to right of both V and X, and face opposite direction as X faces.
- **4.** U is seating third to right of W, who is not opposite to T.
- 5. Y is neighbour of both W and V

CASE1



CASE2

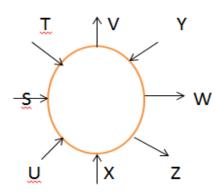


- **6.** Y is third to left of S, who is third to right of both Y and Z.
- 7. T face towards the centre and is seating second to left of U.

CASE1

Y V T T S X U

CASE2



**8.** Y is sitting second to right of T

So case2 is cancelled out.

Case 1 is final arrangement.

26. b. 27. D. 28. A. 29. B. 30. e

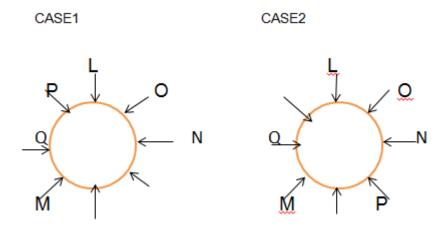
#### **SOLUTION(31-35):**

#### **Explanation in detail:**

1. M sits immediate left of the one who sits opposite to L.

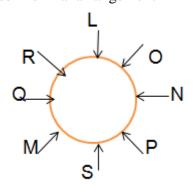


- 2. One person sits between M and P.
- 3. N is not an immediate neighbor of L and M. Q sits third to the right of O who sits immediate right to N.



- 4. S does not sit opposite to P and not an immediate neighbor of R.
- 5. So case 1 is cancelled out

Case 1 is final arrangement

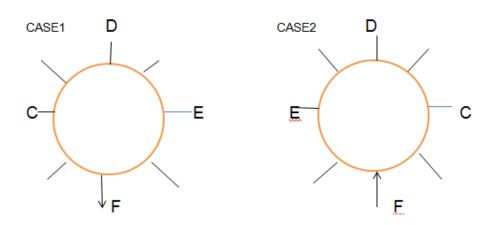


31. a. 32. D. 33. C. 34. E. 35. a

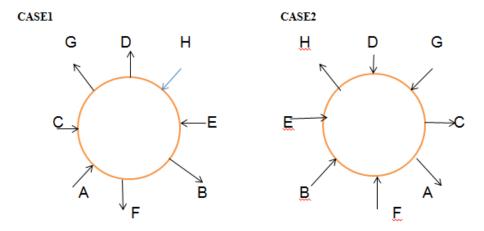
#### **SOLUTION(36-40):**

- **1.** C sits second to the right of F.
- 2. One person sits between C and D.
- **3.** E is not immediate neighbor of D and F.





- **4.** G sits second to the left of A, who sits second to the right of B. B and A are not immediate neighbors of D.
- 5. H and D sit immediate right to each other. C faces the same direction as A.
- **6.** E faces towards the center



7. E sits third to the right of G. E face opposite direction of C

So case 1 is cancelled out

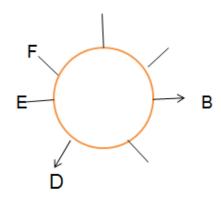
#### Case 2 is final arrangement

36. b. 37. C. 38. A. 39. D. 40. e

### **SOLUTION(41-45):**

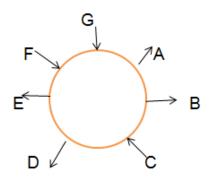
- 1. B is second to the left of D.
- 2. Both D and B face outward direction.
- **3.** F is third to the left of B.
- **4.** The one sitting between F and D is E.





- **5.** E and F are facing in the opposite direction.
- **6.** A, who faces in the outward direction, is sitting second to the left of F.
- 7. C does not sit in between F and A. Both G and C face inward

#### Final arrangement



41. a. 42. E. 43. B. 44. D. 45. c

#### **SOLUTION(46-50):**

- 1. G is sitting third to the right of N.
- 2. One person is sitting between J and G

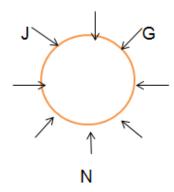


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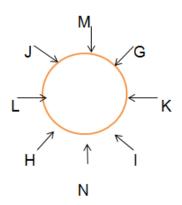
3. J is not an immediate neighbour of N



- 4. I and H are immediate neighbours of N.
- 5. L is not an immediate neighbour of G.
- 6. M is second to the right of K

7. H is not an immediate neighbour of K.

### Final arrangement



e. 47. C. 48. A. 49. D. 50. b



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