

JK Chrome | Employment Portal



Rated No.1 Job Application of India

Sarkari Naukri Private Jobs **Employment News** Study Material **Notifications**

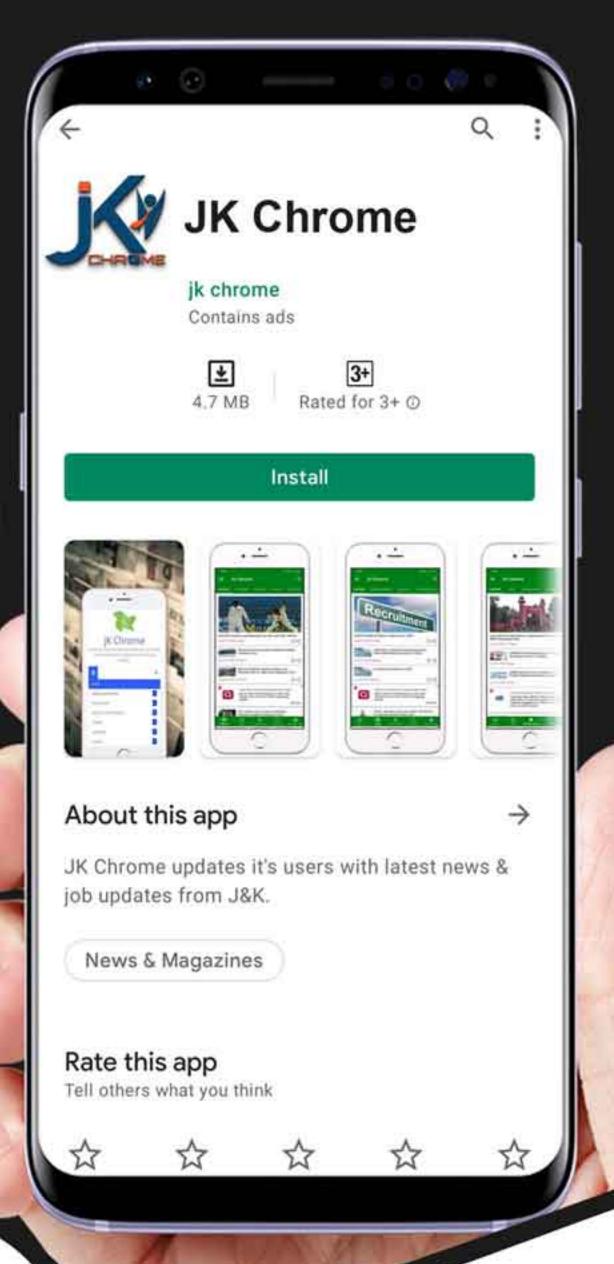








MATERIAL







JK Chrome

jk chrome Contains ads



www.jkchrome.com | Email : contact@jkchrome.com

Seating Arrangement

What is Seating Arrangement?

Seating Arrangement is a process of making a group of people sit as per a prefixed manner. These questions are based on a set of information including a certain set of conditions. Information of the arrangement of the people in a row or around the circle will be given, and candidates need to arrange people in the row or circle or square according to the given condition.

Types of Seating Arrangement:

1. Linear Seating Arrangement

In this type of linear seating arrangement reasoning, candidates are required to arrange people in a row or multiple rows according to the given conditions. Candidates need to identify the exact position of the objects and their positions with respect to one another based on the information given.

- (a) Single Row Unidirectional: In this type of linear seating arrangement, people will be arranged in a single row and everyone will face in the same direction.
- (b) Single Row Bidirectional: In this type of linear seating arrangement, people will be arranged in a single row and they will face in two different directions.
- (c) Dual Row: In this type of linear seating arrangement, people will be arranged in 2 different rows.

2. Circular Seating Arrangement

In this type of circular seating arrangement reasoning, people will be seated around a circular table.

(a) Circular Unidirectional: In this type of circular seating arrangement, candidates are required to arrange people around a circular table, and everyone will face in the same direction such as either inside or outside.

(b) Circular Bidirectional: In this type of circular seating arrangement, candidates are required to arrange people around a circular table, and everyone will face in the same direction such as either inside or outside.

3. Polygonal Arrangement

A polygon is a closed figure formed with three or more sides. In this type of seating arrangement reasoning, people will be seated around different shapes of table such as triangle, square, rectangle, pentagonal, hexagonal, octagonal, etc.

- (a) Square Arrangement: In this type of polygonal arrangement, candidates are required to arrange people around a square table.
- (b)Triangular Arrangement: In this type of polygonal arrangement, candidates are required to arrange people around a triangular table. The objects or persons placed around a triangular plane that may be a table or any triangular object.

4. Concentric Arrangement

In this type of seating arrangement reasoning, 1 circular or or polygonal shaped table will be placed inside the other circular or polygonal shaped people, and a student needs to arrange people around these to table according to the given information.

How to Solve Question Based on Seating Arrangement

Candidates can find various tips and tricks from below for solving the questions related to the Seating Arrangement reasoning section.

Tip # 1: A triangle has 3 corners and three sides, so three persons can sit at these corners and they are facing either the center or the direction opposite to the center.

Tip # 2: If A is three people away from B is given then 3 - 1 = 2 people will sit between them.

Tip # 3: Candidates need to keep the following points in mind while solving the seating arrangement based questions.

- 1. When A is second to the left of B: A B
- 2. When A is second to right of B: B A
- 3. When A is 2 places away from B: A/B - B/A
- 4. When A is two places to the right of B or B is two places to the left of A: B A
- 5. When there are 2 people between A and B: A - B

Seating Arrangement Reasoning Sample Questions

Question 1:

Direction: Study the following information and answer the given questions.

Pawan, Qaseem, Rajan, Suresh, Tariq, Uzma, Waseem, and Zainab are sitting in a line facing north. Zainab sits third to the left of Suresh. Zainab sits at the extreme end of the row. Only one person sat between Suresh and Qaseem. Only two people sit between Qaseem and Waseem, who is an immediate neighbor of Pawan. Uzma sits third to the left of Rajan. Who is an immediate neighbor of Tariq?

Solution:

People: Pawan, Qaseem, Rajan, Suresh, Tariq, Uzma, Waseem, and Zainab.

- 1. Zainab sits third to the left of Suresh.
- Zainab sits at the extreme end of the row.
- 3. Only one person sat between Suresh and Qaseem.
- 4. Only two people sit between Qaseem and Waseem, who is an immediate neighbor of Pawan.
- 5. Uzma sits third to the left of Rajan

Hence, Qaseem and Rajan is an immediate neighbor of Tariq.

Question 2:

Directions: Eight persons A, B, C, D, E, F, G and H are sitting in a line and an equal number of persons are facing north and south direction. Not more than two consecutive adjacent persons face in the same direction. Persons at extreme ends face in the same direction.

A sits third to the right of D, who sits immediate right of H. H faces north direction. Two people sit between A and E. D does not sit at the extreme end. B sits immediate right of C and both face south direction. B and A are not adjacent to each other. G does not face south.

If row-1 people sit in alphabetical order starting from the left end then who will face S?

Solution:

- 1. D is facing the person who is sitting 2nd to the right of the person who faces C.
- 2. B is sitting to the left of D.
- 3. P is sitting 2nd to the right of S
- 4. Neither P nor S sit at any of the extreme ends of the row.
- 5. R sits second to the left of T.
- 6. T sits at one of the extreme ends but doesn't face C.
- 7. E is not an immediate neighbor of D.

Using statement 7, Case 1.B will be eliminated.

A sits to the left of E.

D will face S if persons of Row 1 are arranged according to alphabetical order. So the correct answer is D.

Question 3:

Direction: Study the following information carefully and answer the questions based on it.

Eight friends Divya, Dev, Piyush, Shiv, Nisha, Geeta, Bhavna, Govinda are sitting around the circular table but not necessarily in the same order and are facing towards the center of the table.

Nisha is third to the left of Bhavna. Dev and Piyush are neighbors. Divya is sitting opposite to Geeta. Shiv is an immediate neighbor of Bhavna. There are two people sitting between Nisha and Geeta. Dev and Govinda are sitting opposite to each other.

Who is sitting immediate to the right of Nisha?

Solution:

Persons: Divya, Dev, Piyush, Shiv, Nisha, Geeta, Bhavna, Govinda

- 1. Shiv is an immediate neighbor of Bhavna.
- 2. Nisha is third to the left of Bhavna.
- 3. There are two people sitting between Nisha and Geeta.
- Divya is sitting opposite to Geeta.
- 5. Dev and Piyush are neighbors.
- 6. Dev and Govinda are sitting opposite to each other.

Case 1 cannot satisfy the above conditions. Hence, Case 1 gets eliminated. Hence, Piyush is the correct answer.

Question 4:

Direction: Study the following information carefully and answer the question given below.

Eight friends are sitting around a rectangular table either in the middle side or at the corner. Four of them like fruits, apples, mangoes, Grapes, and bananas, and four of them like vegetables, tomatoes, potatoes, Broccoli, and cucumbers. The person who likes vegetables sits at the corner faces inside and the person who likes fruits sits in the middle faces outside.

Only two friends sit between the one who likes Mango and the one who likes Broccoli. The one who likes Grapes sits second to the right of the one who likes Mango. Only one person sits between the one who likes Tomato and the one who likes Potato. The one who likes Apple is an immediate neighbor of the one who likes Potato. Friends who like Banana and Broccoli do not sit together.

Who sits opposite to the one who likes Broccoli?

Solution:

According to the question:

- 1. Only two friends sit between the one who likes Mango and the one who likes Broccoli.
- 2. The one who likes Grapes sits second to the right of the one who likes Mango.
- 3. Friends who like Banana and Broccoli do not sit together. (This eliminates case 1)
- 4. The one who likes Apple is the immediate neighbor of the one who likes Potato.
- 5. Only one person sits between the one who likes Tomato and the one who likes Potato.

Hence, the one who likes Tomato sits opposite to the one who likes Broccoli.

Question 5:

Directions: Read the information carefully and answer the following questions.

Six people Nayana, Arpita, Amulya, Deepa, Veena, Swara are sitting around a triangular shaped table such that four are facing inside the table and only two are facing outside the table but not necessarily in the same order. Three people are sitting at the corner and three people are sitting on the edges of the table.

Deepa and Amulya are sitting to the right of each other. Nayana who is sitting at the corner is sitting second to the left of Amulya. Veena is facing inside the table and Sitting to the immediate right of Nayana. Swara and Arpita are facing in the same direction but are not sitting together.

How many people are sitting between Deepa and Veena when counted clockwise from Deepa?

Solution:

- 1. Nayana who is sitting at the corner is sitting second to the left of Amulya.
- 2. Veena is facing inside the table and Sitting to the immediate right of Nayana.

Nayana is sitting second to the left of Amulya.

- 1. Deepa and Amulya are sitting to the right of each other.
- 2. Swara and Arpita are facing in the same direction but are not sitting together.

Seating Arrangement

Instructions

For the following questions answer them individually

Question 1

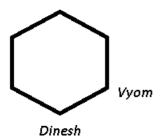
Six family members Pankaj, Gopi, Chetan, Dinesh, Akash and Vyom are standing around a circular table. Gopi is between Vyom and Chetan. Pankaj is between Akash and Dinesh. Vyom is to the immediate right of Dinesh. Who is opposite to Dinesh?

- A Pankai
- **B** Chetan
- C Vyom
- **D** Gopi

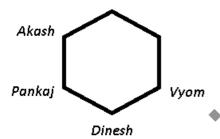
Answer: B

Explanation:

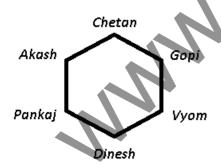
Vyom is to the immediate right of Dinesh.



Pankaj is between Akash and Dinesh, => Pankaj will sit to the immediate left of Dinesh



Gopi is between Vyom and Chetan. Thus, final arrangement is :



... Chetan is opposite to Dinesh.

=> Ans - (B)

Question 2

6 people are sitting in a row. A is sitting towards immediate left of B and immediate right of C. C is sitting to immediate right of F. D is immediate right of E who is to the left of F, then which two people are sitting in the center?

- A D and B
- B A and B

D E and D

Answer: C

Explanation:

A is sitting towards immediate left of B and immediate right of C, => CAB

C is sitting to immediate right of F, => FCAB

D is immediate right of E who is to the left of F, => EDF

Thus, final arrangement is:

E D	F	С	Α	В	
-----	---	---	---	---	--

... F and C are sitting in the center.

=> Ans - (C)

Question 3

Seven boys A,B,C,D,E,F and G are standing in a line.

- (i) G is between A and E
- (ii) F and A have one boy between them
- (iii) E and C have two boys between them
- (iv) D is immediate right of F
- (v) C and B have three boys between them

Who is second from left?

A C

B G

C E

D A

Answer: C

Explanation:

G is between A and E, => Let us take E to the left of G and A to the right of G.

F and A have one boy between them, => F is second to the right of A (: E is second to the left).

E and C have two boys between them, => C is between A and F (: there are only 7 boys).

D is immediate right of F and C and B have three boys between them, => B is to the extreme left.

: Arrangement = B E G A C F D

Thus, E is second from the left.

=> Ans - (C)

Question 4

P, Q, R, S and T are sitting together. T is at one extreme end. P is the neighbour of T and is third to the left of Q. Who is fourth to the right of T?

A P

B_T

D S

Answer: C

Explanation:

T is at one extreme end. P is the neighbour of T and is third to the left of Q.

=> T sits at extreme left end, and P sits to the immediate right of T. Also, Q sits at extreme right end.

Thus, arrangement:

T P I	R/S S/R	Q
-------	---------	---

∴ **Q** is fourth to the right of T.

=> Ans - (C)

Question 5

Vishu, Pooja, Vishakha, Rani and Ram are sitting in a line. Pooja is third to the extreme right end. Vishu is second to the left of Pooja. Vishakha is to the right of Pooja. Rani is third to the right of Ram, who is the immediate neighbour of Vishu. Who is sitting in the middle?

- A Pooja
- **B** Ram
- C Visakha
- **D** Rani

Answer: A

Explanation:

Pooja is third to the extreme right end. Vishu is second to the left of Pooja.

=> Vishu sits at extreme left end.

Vishakha is to the right of Pooja. Rani is third to the right of Ram, who is the immediate neighbour of Vishu.

=> Rani sits at extreme right end, and Ram sits between Vishu and Pooja.

Thus, arrangement:

					_	
Vishu	Ram	Pooja	Vis	haki	na	Rani

... Pooja is sitting in the middle.

=> Ans - (A)

Question 6

Five planes, A, B, P, Q and R were saluting on Independence Day in such a way that R was second to the left of Q but to the immediate right of A. There was one plane between B and P. B was not at any of the ends. P and Q were neighbours. Who was at the left end?

- **A** A
- **B** B
- C R
- **D** 0

Answer: A

R was second to the left of Q but to the immediate right of A, => A R $_$ Q

There was one plane between B and P, => the last plane must be to the immediate right of Q.

Also, B was not at any of the ends, => B was between R and Q.

Arrangement:

|--|

.. A was at the left end.

=> Ans - (A)

Question 7

A, B, C,D and E are standing in a row. D is the immediate neighbour of A and E. B is at the right of E and C is in the extreme right. Who is fourth to the left of C?

- **A** B
- B E
- **c** c
- D A

Answer: D

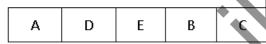
Explanation:

It is given that C is in the extreme right.

D is the immediate neighbour of A and E. B is at the right of E.

=> D sits to the immediate left of E, and A sits second to the left of E.

Thus, Arrangement:



... A is fourth to the left of C.

=> Ans - (D)

Question 8

M, N, O, P and Q are standing in a row. P is at an end and third to the right of O. N is to the right of Q but left of P. Who is at the left end?

- **A** N
- **B** N
- **C** 0
- **D** P

Answer: A

Explanation:

P is at an end and third to the right of O.

=> P is at the extreme right end, and O is second from left end.

N is to the right of Q but left of P.

Thus, Arrangement:

М	О	Q	N	Р
1		l	l	l

... **M** is at the left end.

=> Ans - (A)

Question 9

Five students P, Q, R, S and T are sitting on a bench. Q is to the left of P and right of T. S is at the extreme right end and R is to the left of S. Who is sitting third from the left?

- A P
- **B** 0
- C R
- D T

Answer: A

Explanation:

S is at the extreme right end and R is to the left of S.

=> R sits second from right end.

Q is to the left of P and right of T.

=> T sits at extreme left end.

Thus, arrangement:

Т	0	Р	R	S
'	Ų	Р	K	3

... **P** is sitting third from the left.

=> Ans - (A)

Question 10

Five friends, Abish, Binay, Chandu, Dinesh and Eshaan are having dinner in a restaurant. They are sitting in a row facing north. Binay and Dinesh are sitting at extreme ends and there are exactly two friends sitting between Binay and Eshaan. Abish is sitting to the right of Chandu. Abhish and Eshaan are not sitting adjacently. Who is sitting between Chandu and Binay?

- A Eshaan and Abish
- **B** Eshaan
- **C** Abhish

Can't be determined

D

Answer: C

Explanation:

Binay and Dinesh are sitting at extreme ends. So, we will have two cases

Directions (Q1 - Q5): Read the information given below and answer the following questions:

A total of 10 people, 5 men and 5 women are sitting in two parallel lines, facing each other. Five men, namely, Ajit, Bharat, Chirag, Dharam and Ejaz are facing to the south and the five women, Meenal, Neelu, Octavia, Preeti and Arpita are facing towards the north.

- Bharat, who is just next to the left of Dharam, is opposite to Arpita.
- Chirag and Neelu are diagonally opposite to each other.
- Ejaz is opposite Octavia who is just next to Meenal.
- Preeti, who is just to the left of Arpita, is opposite to Dharam.
- Meenal is at one end of the line
- Q 1. Which two people are sitting at the two extreme ends of the line?
 - 1. Ejaz, Bharat
 - 2. Ajit, Chirag
 - 3. Chirag, Dharam
 - 4. Dharam, Bharat
 - 5. None of the Above

Answer: (2) Ajit, Chirag

- Q 2. Who is sitting right in front of Dharam?
 - 1. Neelu
 - 2. Meenal
 - 3. Octavia
 - 4. Preeti
 - 5. Arpita

Answer: (3) Preeti

- Q 3. Who sits exactly in between Meenal and Neelu?
 - 1. Preeti
 - 2. Octavia
 - 3. Arpita
 - 4. Ejaz
 - Cannot Be Determined

Answer: (5) Cannot Be Determined

- Q 4. Who sits opposite to Octavia?
 - 1. Chirag
 - 2. Ejaz

www.jkchrome.com

www.jkchrome.com

- 3. Dharam
- 5. Ajit

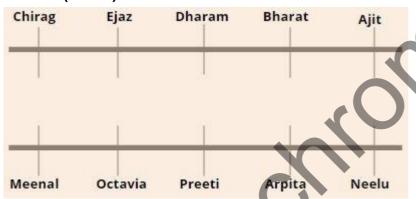
Answer: (2) Ejaz

Q 5. Who is sitting at the right corner of the women's line?

- 1. Meenal
- 2. Octavia
- 3. Arpita
- 4. Preeti
- 5. Neelu

Answer: (5) Neelu

Solution (Q1-Q5):



Directions (Q6 - Q10): Read the information given below and answer the questions following it: In a Coaching Institute, seven students (both girls and boys) sit on three different benches, Bench@, Bench * and Bench #

- Each bench must have atleast two students sitting on it
- Atleast one girl must be sitting on each bench
- X, who is a girl, does not sit with Y, Z and T.
- S is a boy student and sits only with M.
- Y sits on the Bench @ with his best friends.
- H sits on Bench #. Z is the brother of X.

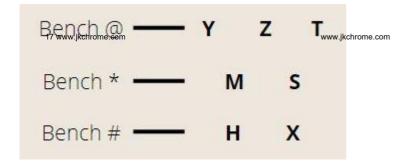
Q 6. Which of the following pair of students form the correct set of students sitting on the bench *

- 1. Y, Z
- 2. T, X
- 3. M, X
- 4. M, S
- 5. T, S

4. None of the above5. Cannot be determined

Answer: (2) *

Solution (Q6 - 10):



Directions (Q11 - Q15): Read the data given below and based on it answer the following questions: Six girls, Pooja, Qimat, Reeti, Shweta, Tejaswini and Vineeta are sitting around a circular table.

- All of them are facing towards the centre of the circle.
- Tejaswini is not sitting between Qimat and Shweta but someone else from the group
- Pooja sits to the left of Vineeta
- Reeti is fourth to the right of Pooja.

Q 11. Who sits second to right of Vineets?

- 1. Reeti
- 2. Pooja
- 3. Shweta
- 4. Qimat
- 5. Either option '3' or '4'

Answer: (5) Either option '3' or '4'

Q 12. Who is sitting opposite Reeti?

- 1. Shweta
- 2. Vineeta
- 3. Pooja
- 4. Tejaswini
- 5. Qimat

Answer: (2) Vineeta

Q 13. Who sits second to the right of Pooja?

- 1. Vineeta
- 2. Shweta
- 3. Reeti
- 4. Tejaswini
- 5. Qimat

Answer: (4) Tejaswini

Q 14. Who sits exactly between Shweta and Qimat?

1. Tejaswini

- 3. Pooja
- 4. Reeti
- 5. None of the Above

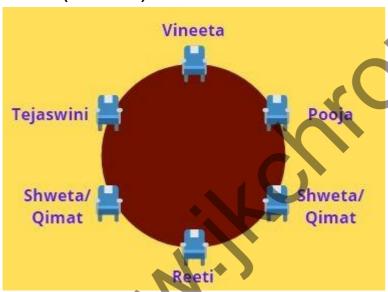
Answer: (4) Reeti

Q 15. Who sits second to the left of Pooja?

- 1. Reeti
- 2. Vineeta
- 3. Shweta
- 4. Pooja
- 5. Tejaswini

Answer: (1) Reeti

Solution (Q11 - Q 15):



Directions (Q16 - Q21): Study the data given below and answer the questions following it:

In an exhibition seven brands have put up their stalls

- Each of these stalls are facing east
- The seven brands which have put up a stall include: Titan, Biba, Landmark, Adidas, Puma, Zara and Reebok
- Titan is next to the right of Reebok
- Reebok is fourth to the right of Landmark
- Adidas is between Biba and Zara
- Landmark which is third to the left of Biba, is at one end.



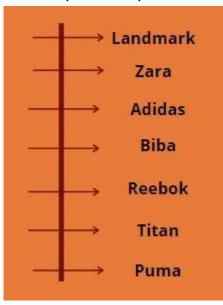
Q 16, Which of the given pairs is correct for the brands displayed at the two ends of the line?
1. Landmark, Zara
2. Titan, Zara
3. Landmark, Puma
4. Puma, Reebok
5. Reebok, Landmark
Answer: (3) Landmark, Puma
Q 17. Which brand is displayed on the immediate right of Titan?
1. Puma
2. Reebok
3. Adidas
4. Zara
5. Biba
Answer: (1) Puma
Q 18. Zara is to the immediate left of
1. Biba
2. Landmark
3. Adidas
4. Puma
5. Reebok
Answer: (3) Adidas
Q 19. Which brand is being displayed exactly in between Biba and Titan?
1. Reebok
2. Landmark
3. Puma
4. Zara
5. Adidas
Answer: (1) Reebok
Q 20. Which brand is being displayed towards the immediate right of Titan?
1. Adidas
2. Cannot be Determined
3. Biba
4. Puma
5. Reebok
Answer: (4) Puma

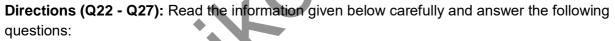
1 Titan www.jkchrome.com www.jkchrome.com www.jkchrome.com

- 2. Zara
- 3. Reebok
- 4. Puma
- 5. Landmark

Answer: (1) Titan

Solution (Q16 - Q21):





Eleven friends Manish, Nitin, Om, Piyush, Qureshi, Ritesh, Satish, Tarun, Utkarsh, Varun and Wasim are sitting in the first row of the stadium watching a football match.

- To the immediate left of Piyush is Tarun and Tarun is third to the right of Utkarsh
- Varun is the immediate neighbour of Manish and Nitin and third to the left of Satish
- Manish is the second to the right of Qureshi, who is at one of the ends
- Ritesh is sitting to the immediate right of Piyush
- Om is second to left of Piyush.

Q 22. Who sits third to the right of Satish?

- 1. Ritesh
- 2. Wasim
- 3. Nitin
- 4. Tarun
- 5. Piyush

21 www.jkchrome.com www.jkchrome.com www.jkchrome.com www.jkchrome.com

Q 23. What is the position of Nitin with respect to Utkarsh?

- 1. Immediate Right
- 2. Immediate Left
- 3. Second to Right
- 4. Third to Left
- 5. Second to Left

Answer: (2) Immediate Left

Q 24. Who among the 11 friends is sitting on the extreme right?

- 1. Varun
- 2. Qureshi
- 3. Ritesh
- 4. Om
- 5. Tarun

Answer: (3) Ritesh

Q 25. Who sits exactly in between Piyush and Om?

- 1. Tarun
- 2. Nitin
- 3. Varun
- 4. Manish
- 5. Wasim

Answer: (1) Tarun

Q 26. Who is third from the left end of the line?

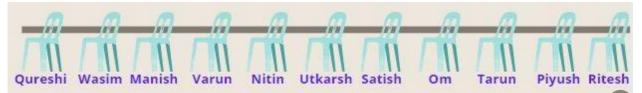
- 1. Manish
- 2. Wasim
- 3. Tarun
- 4. Nitin
- 5. Om

Answer: (1) Manish

Q 27. Who is sitting fifth from the right end of the line?

- 1. Satish
- 2. Utkarsh
- 3. Nitin
- 4. Manish
- 5. Qureshi

Answer: (1) Satish



Directions (Q28 - Q32): Study the information given below carefully and then answer the following questions:

Eight friends, namely, Kashish, Anamika, Amrita, Akansha, Trina, Yuvika, Vanshika and Disha are sitting around a circular table and each of them is facing the centre.

- Kashish is second to the right of Trina who is the neighbour of Amrita and Vanshika
- Akansha is not the neighbour of Kashish
- Vanshika is the neighbour of Yuvika
- Anamika is not between Akansha and Disha
- Disha is not between Yuvika and Akansha
- Disha does not sit next to Kashish

Q 28. Who is sitting exactly opposite to Anamika?

- 1. Kashish
- 2. Akansha
- 3. Vanshika
- 4. Trina
- 5. Disha

Answer: (3) Vanshika

- Q 29. How many people sit between Disha and Vanshika (counted anti-clock wise)?
 - 1. Two
 - 2. One
 - 3. Three
 - 4. Five
 - 5. Four

Answer: (1) Two

- **Q 30.** Who sits third to the immediate right of Yuvika?
 - 1. Trina
 - 2. Amrita
 - 3. Anamika
 - 4. Vanshika

Answer: 23 www.jkchrome.com (4) Vanshika

Q 31. Who sits exactly in between Akansha and Yuvika?

- 1. Kashish
- 2. Trina
- 3. No one
- 4. Vanshika
- 5. Amrita

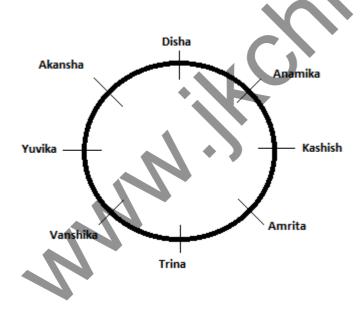
Answer: (3) No one

Q 32. Who sits on the immediate right of Amrita?

- 1. Trina
- 2. Disha
- 3. Vanshika
- 4. Yuvika
- 5. Kashish

Answer: (5) Kashish

Solution (Q28 - Q32):



Candidates can refer to the questions given above and prepare themselves for the upcoming Government examinations.



JK Chrome | Employment Portal



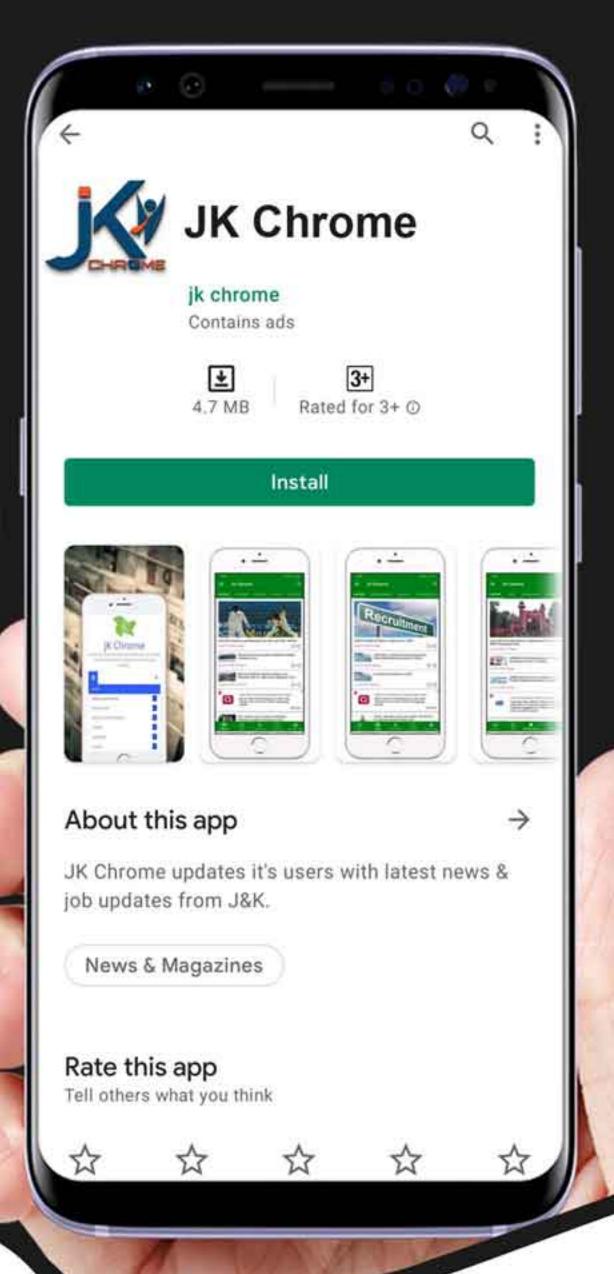
Rated No.1 Job Application of India

Sarkari Naukri
Private Jobs
Employment News
Study Material
Notifications













JK Chrome

jk chrome Contains ads



www.jkchrome.com | Email : contact@jkchrome.com