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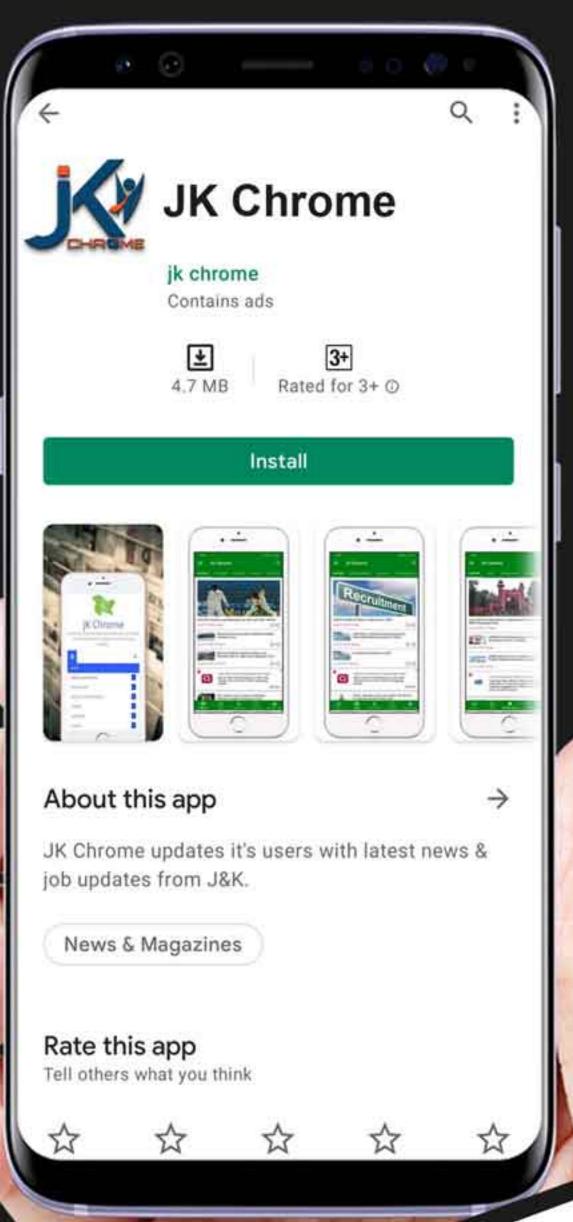
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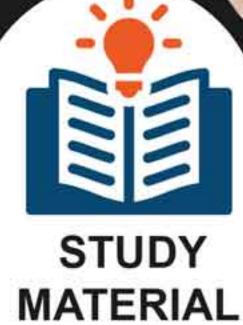
















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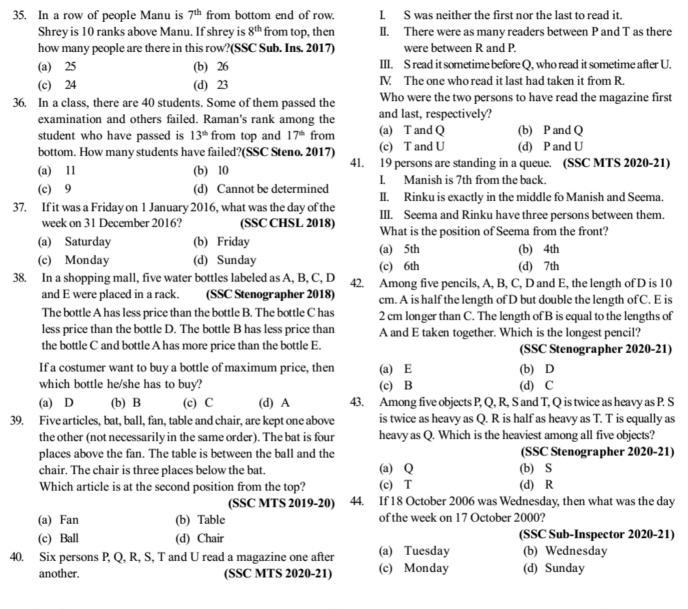
## **CHAPTER**



## Time Sequence, Number & Ranking Test

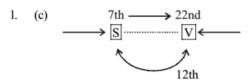
| 1. | In a row of boys, Srinath is 7th from the left and Venkat is      |     | (a) 18 (b) 19  |  |  |  |
|----|---|-----|--|--|--|--|
|    | 12th from the right. If they interchange their positions,         |     | (c) 20 (d) 21  |  |  |  |
|    | Srinath becomes 22 <sup>nd</sup> from the left. How many boys are | 9.  | If John celebrated his victory day on Tuesday, 5th January           |  |  |  |
|    | there in the row? (SSC CGL 1st Sit. 2010)                         |     | 1965, when will he celebrate his next victory day on the             |  |  |  |
|    | (a) 19 (b) 31   |     | same day? (SSC CGL 2 <sup>nd</sup> Sit. 2011)                        |  |  |  |
|    | (c) 33 (d) 34   |     | (a) 5 <sup>th</sup> January 1970 (b) 5 <sup>th</sup> January 1971    |  |  |  |
| 2. | If the day before yesterday was Sunday, what day will it be       |     | (c) 5 <sup>th</sup> January 1973 (d) 5 <sup>th</sup> January 1974    |  |  |  |
|    | three days after the day after tomorrow?                          |     | Sita is elder than Swapna. Lavanya is elder than Swapna but          |  |  |  |
|    | (SSC CGL 1st Sit. 2010)   |     | younger than Sita. Suvarna is younger than both Hari and             |  |  |  |
|    | (a) Sunday (b) Monday   |     | Swapna, Swapna is elder than Hari. Who is the youngest?              |  |  |  |
|    | (c) Wednesday (d) Saturday  |     | (SSC CGL 2 <sup>nd</sup> Sit. 2011)                                  |  |  |  |
| 3. | If the day after tomorrow is Sunday, what day was                 |     | (a) Sita (b) Lavanya   |  |  |  |
|    | tomorrow's day before yesterday?                                  |     | (c) Suvarna (d) Hari   |  |  |  |
|    | (SSC CGL 2 <sup>nd</sup> Sit. 2010)                               | 11. | In the alphabetical order A, B, C, D, Z, which letter is 11th        |  |  |  |
|    | (a) Friday (b) Thursday   |     | to the left of the letter which is 4th to the right of T?            |  |  |  |
|    | (c) Monday (d) Tuesday  |     | (SSC Sub. Ins. 2012  |  |  |  |
| 4. | Suresh is 7 ranks ahead of Ashok in the class of 39 students.     |     | (a) K (b) O  |  |  |  |
|    | If Ashok's rank is 17th from the last, what is Suresh's rank      |     | (c) I (d) M  |  |  |  |
|    | from the start? (SSC CGL 2 <sup>nd</sup> Sit. 2010)               | 12. | Among 5 boys, Vasant is taller than Manohar, but not as tal          |  |  |  |
|    | (a) 16th (b) 23th   |     | as Raju. Jayant is taller than Dutta but shorter than Manohar        |  |  |  |
|    | (c) 24th (d) 15th   |     | Who is the tallest in the group? (SSC CHSL 2012                      |  |  |  |
| 5. | After 9'O clock at what time between 9 p.m. and 10 p.m. will      |     | (a) Manohar (b) Vasant   |  |  |  |
|    | the hour and minute hands, of a clock point in opposite           |     | (c) Jayant (d) Raju  |  |  |  |
|    | direction? (SSC CGL 2 <sup>nd</sup> Sit. 2010)                    | 13. |  |  |  |  |
|    | (a) 15 min. past 9 (b) 16 min. past 9                             |     | divisible by 2? (SSC CGL 2 <sup>nd</sup> Sit. 2012                   |  |  |  |
|    |   |     | 8965359683496526973729413794173498                                   |  |  |  |
|    | (c) $16\frac{4}{11}$ min. past 9 (d) $17\frac{1}{11}$ min. past 9 |     | 453976153195742968532957489451                                       |  |  |  |
|    | (a) 11 mm. past 9   |     | (a) 12 (b) 6   |  |  |  |
| 6. | In a row of girls, Kamala is 9th from the left and Veena is 16th  |     | (c) 8 (d) 10   |  |  |  |
|    | from the right. If they interchange their positions, Kamla        |     | In the following list of English alphabets, one alphabet ha          |  |  |  |
|    | becomes 25th from the left. How many girls are there in the       |     | not been used. Identify the same. (SSC CGL 2 <sup>nd</sup> Sit. 2012 |  |  |  |
|    | row? (SSC CGL 1 <sup>st</sup> Sit. 2011)                          |     | XNFAPSRWLTMDEXMGB  |  |  |  |
|    | (a) 34 (b) 36   |     | CXQJLOPVRCQJZOHSG  |  |  |  |
|    | (c) 40 (d) 41   |     | ODIPTSMRABEFGNUNE  |  |  |  |
| 7. | Suresh was born on 4th October 1999. Shashikanth was              |     | (a) V (b) I  |  |  |  |
|    | born 6 days before Suresh. The Independence Day of that           |     | (c) K (d) J  |  |  |  |
|    | year fell on Sunday. Which day was Shashikanth born?              | 15. |  |  |  |  |
|    | (SSC CGL 1st Sit. 2011)   | 15. | from the right. They both interchange their positions. Nov           |  |  |  |
|    | (a) Tuesday (b) Wednesday   |     |  |  |  |  |
|    | (c) Monday (d) Sunday   |     | A becomes 11 th from the left How many people are there in           |  |  |  |
| 8. | In a row of trees, a tree is 7th from left end and 14th from the  |     | the row? (SSC Sub. Ins. 2013)  |  |  |  |
|    | right end. How many trees are there in the row?                   |     | (a) 10 (b) 20  |  |  |  |
|    | (SSC CGL 2 <sup>nd</sup> Sit. 2011)                               |     | (c) 19 (d) 18  |  |  |  |
|    |   |     |  |  |  |  |

| 16. | If the 5th date of a month is Tu   |                                     | 25.   |  |  |          |   |  |  |
|-----|--|-------------------------------------|---|--|--|----------|---|--|--|
|     | days after the 3rd Friday in the m   | onth? (SSC CHSL 2013)               |   | rank   | from the last?   |          | (SSC CHSL 2015)                         |  |  |
|     | (a) 17 (b)   |                                     |   | (a)  | 30   | (b)      | 32                                      |  |  |
|     | (c) 19 (d)   |                                     |   | (c)  | 33   | (d)      | 31                                      |  |  |
| 17. | Sohan ranks seventh from the   | -                                   | 26.   | <b>If Ra</b>   | mya's rank is 22 <sup>nd</sup> out                             | of 46 s  | tudents. What is her rank               |  |  |
|     | the bottom in a class. How many students are there in the  |                                     |   |  | the last?  |          | (SSC CHSL 2015)                         |  |  |
|     | class ?  | (SSC CHSL 2013)                     |   | (a)  | 29   | (b)      | 32                                      |  |  |
|     | (a) 33 (b)   | 34                                  |   | (c)  | 25   | (d)      | 26                                      |  |  |
|     | (c) 31 (d)   |                                     | 27.   | Inar   | ow of men, Manoj is 30   | )th from | the right and Kiran is 20th             |  |  |
| 18. | Roshan is taller than Hardik who is shorter than Susheel.  |                                     |   |  | from the left. When they interchange their position, Manoj     |          |   |  |  |
|     | Niza is taller than Harry but shorter than Hardik. Susheel is  |                                     |   | becomes 35th from the right. What is the total number of     |  |          |   |  |  |
|     | shorter than Roshan. Who is the  |                                     |   | men  | in the row?  |          | (SSC CGL 1st Sit. 2015)                 |  |  |
|     |  | (SSC CGL 1st Sit. 2013)             |   | (a)  | 45   | (b)      |   |  |  |
|     |  | Susheel                             |   | (c)  | 54   | (d)      |   |  |  |
|     | *  | Harry                               | 28.   |  | ir is senior of Ganes  | . ,      | esh is senior of Apparu.                |  |  |
| 19. | G is fatter than H but not as fat as M. Q is also not as fat as  |                                     |   | Apparu is junior of Raju. Raju is junior of Ganesh. Who is   |  |          |   |  |  |
|     | M. Who is the most lean person   |                                     |   |  | nost senior?   |          | (SSC CGL 1st Sit. 2016)                 |  |  |
|     |  | (SSC CGL 2 <sup>nd</sup> Sit. 2013) |   |  | Ganesh   | (b)      | Raju                                    |  |  |
|     | (a) Q (b)  | H                                   |   | . ,  | Kathir   |          | Apparu                                  |  |  |
|     | (c) G (d)  | M                                   | 29.   | . ,  |  |          | • •                                     |  |  |
| 20. | Priti scored more than Rahul. Y  | 2).                                 | In a row of students, if John, who is 16th from the left, and Johnson, who is 8th from the right, interchange their |  |  |          |   |  |  |
|     | Divya. Lokita scored less than I   | Manju. Rahul scored more            |   | positions, John becomes 33rd from left. How many students    |  |          |   |  |  |
|     | than Yamuna. Manju scored less   | s than Divya. Who scored            |   | -  | ere in a row?  | Tu II OI | (SSC CGL 1st Sit. 2016)                 |  |  |
|     | the lowest?  | (SSC CGL 1st Sit. 2013)             |   |  |  | (ls)     |   |  |  |
|     | (a) Yamuna (b)   | Lokita                              |   | . ,  | 38   | (b)      |   |  |  |
|     | (c) Rahul (d)  |                                     | 20  | . ,  | 40   | (d)      |   |  |  |
| 21. | If the day after-tomorrow is Sunday, which day was day-  |                                     |   |  | 30. X is elder than Z, Y is younger than Z, Z is elder than W. |          |   |  |  |
|     | before-yesterday?  | (SSC CGL 1st Sit. 2013)             |   |  | W is younger than X, who is the eldest?                        |          |   |  |  |
|     |  | Wednesday                           |   | ( ) <b>T</b>   |  |          | SC Stenographer 2016)                   |  |  |
|     | (c) Tuesday (d)  | •                                   |   | . ,  | W  | (b)      |   |  |  |
| 22. | The digits are given as below:   | ,                                   |   | (c) Z  |  | (d)      |   |  |  |
|     | 562,871,438,753  |                                     | 31.   |  |  |          | ng in a row. A student is               |  |  |
|     |  |                                     |   |  | _  |          | m the left end. How many                |  |  |
|     | If the position of the first and the third digits of each of the<br>numbers are interchanged, which of the following will be |                                     |   | students are standing in that row? (SSC Stenographer 2016)   |  |          |   |  |  |
|     | the sum of the first and the second  | _                                   |   | . ,  | 19   | . ,      | 20                                      |  |  |
|     |  | (SSC CGL 1st Sit. 2013)             |   | . ,  | 21   | (d)      |   |  |  |
|     | (a) 9 (b)  |                                     | 32.   |  |  |          | der to E, who lies between              |  |  |
|     | (c) 6 (d)  |                                     |   | A and  | d C. If C is elder to B,                                       | who is   |   |  |  |
| 23. | Veni is an year older than Smith   |                                     |   |  |  |          | (SSC Sub. Ins. 2016)                    |  |  |
| 25. | than Salim. Raju is an year olde   | -                                   |   | (a) A  |  | (b)      |   |  |  |
|     | youngest of all ? .  | (SSC CGL 1 <sup>st</sup> Sit. 2013) |   | (c) I  |  | (d)      |   |  |  |
|     | J. L.  | (550 CGL 1 510. 2015)               | 33.   | There  | are 45 trees in a row.   | The len  | non tree is 20 <sup>th</sup> from right |  |  |
|     | (a) Raju   |                                     |   | end.   | What is the rank of le   | mon tr   | ee from left end?                       |  |  |
|     | (b) Salim  |                                     |   |  |  |          | (SSC CGL 2017)                          |  |  |
|     | (c) Veni   |                                     |   | (a)  | 26   | (b)      | 24                                      |  |  |
|     | (d) Smith  |                                     |   | (c)  |  | (d)      | 27                                      |  |  |
| 24. | 8  |                                     |   | Priyank ranks 6th from the bottom and 28th from the top in a |  |          |   |  |  |
|     | How many students are there in   |                                     | -   | . How many students  |  | _        |   |  |  |
|     |  | (SSC CHSL 2015)                     |   |  | -  |          | (SSC Sub. Ins. 2017)                    |  |  |
|     | (a) 40 (b)   |                                     |   | (a)  | 31   | (b)      | ) 32                                    |  |  |
|     | (c) 39 (d)   | 37                                  |   |  | 33   |          | 34                                      |  |  |
|     |  |                                     |   |  |  |          |   |  |  |



## **Hints & Solutions**

11. (d)



Total number of boys in the row

$$=22+12-1=33$$

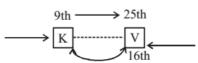
- (a) Day before yesterday was Sunday.
   Therefore, today is Tuesday.
   Day after tomorrow will be Thursday.
   Thursday + 3 = Sunday
- (b) The day after tomorrow is Sunday.
   Therefore, today is Friday.
   The day on tomorrow's day before yesterday = Friday
   - 1 = Thursday
- (a) 17<sup>th</sup> from the last will be 23<sup>rd</sup> from starting when total student 39. And Suresh is 7 rank ahead of Ashok. Hence his rank will be 16<sup>th</sup>.
- 5. (c) At 9 O'clock, the minute hand is  $9 \times 5 = 45$  minute spaces behind the hour hand. Therefore, the minute hand will have to gain 45 30 = 15 minute space over the hour hand.
  - · Gain of 55 minute spaces equal 60 minutes.
  - :. Gain of 15 minute spaces equals

$$=\frac{60}{55}\times15=\frac{180}{11}=16\frac{4}{11}$$

Therefore, hour and minute hands of a clock point in

opposite direction after 9 O'clock at  $16\frac{4}{11}$  minutes past 9.

6. (c) Here,



Total no. of girls = 25 + 16 - 1 = 40

- 7. (b) Shashikant was born on 29th September 1999.

  15th August, 1999 was Sunday.

  Days upto 29th September from 15 August

  16 + 29 = 45 days = 6 weeks 3 odd days

  Sunday + 3 = Wednesday.
- 8. (c) Total number of trees in the row = 14 + 7 1 = 20
- 9. (b) 5 January 1965 ⇒ Tuesday 5 January 1966 ⇒ Wednesday 5 January 1967 ⇒ Thursday 5 January 1968 ⇒ Friday

5 January 1969 ⇒ Sunday Since, 1968 is a leap year. 5 January 1970 ⇒ Monday 5 January 1971 ⇒ Tuesday

11 Left of T

ABCDEFGHIJKLMNOPQRSTUVWXYZ

4th right of T

Letter M is 11<sup>th</sup> to the left of the letter which is 4<sup>th</sup> to the right of T.

- 12. (d) According to given condition; the correct order is:
   Raju > Vasant > Manohar > Jayant > Dutta
   ∴ Raju is the tallest among them.
- 13. (b) 896 5359683 496 5269737 294 13794173 498 45397615319574 296 658329574 894 51
- 14. (c) XNFAPSRWLTMDEX
  MGBCXQJLOPVRC
  QJZOHSGODIPTS
  MRABEFGNUNE
  There is no 'K' letter.

15. (c) 7th 11th

A | | B ← 79th

Total number of people in the row = 11 + 9 - 1 = 19

16. (d) 5th date of a month is Tuesday.

Friday will be on = 5 + 3

= 8<sup>th</sup> of a month

1<sup>st</sup> Friday is on 1<sup>st</sup> of a month

2<sup>nd</sup> Friday is on 8<sup>th</sup> of a month

3<sup>rd</sup> Friday will be on 15<sup>th</sup> of a month

3 days after 15<sup>th</sup> = 15 + 3 = 18

- 17. (d) Clearly, number of students in the class (26+7-1) = 32
- 18. (a) Roshan, Susheel > Hardik Hardik > Niza > Harry Roshan > Susheel Roshan > Susheel > Hardik > Niza > Harry Therefore, Roshan is the tallest.
- 19. (b) M>G>H M>Q

H is the most lean person in the group

20. (b) Priti > Rahul Rahul > Yamuna = Divya Manju > Lokita

> Divya > Manju Now, Priti > Rahul > Yamuna = Divya > Manju > Lokita Therefore, Lokita scored the lowest.

21. (c) Tuesday was the day before yesterday. Below figure shows the days pattern:

Tuesday day before yesterday

Thursday ← day (current)

- 22. (d) Arranging digits according to question.
   265, 178, 834, 357
   Hence, third highest would be 265 and 8 be the sum of first and second digits of the number.
- 23. (b) Suppose the age of Salim is x years
   Age of Raju = x + 1 year
   Age of Smith = x + 2 years
   Age of Veni = x + 3 years
   Therefore, Salim is the youngest of all.
- 24. (b) Naresh is 17<sup>th</sup> from left and 22<sup>nd</sup> from the right.
  So, total number of students in the line = 17+22-1=38
- 25. (d) Total number of students in the class = 45.
   Neha's rank from first = 15<sup>th</sup>
   So number of students from the last = 45 (1+14) = 30
   So, Neha's rank from the last is 31st.
- 26. (c) Total number of students in the class = 46 Ramya's rank from start = 22nd So Ramya's rank from last = (46-22+1) = 25<sup>th</sup>
- 27. (c) Original Position:

Kiran Manoj

20th from the left 30th from the right

Position after Interchange:

35th from the right

Total Number of Students = 35 + 20 - 1= 55 - 1 = 54

- 29. (c) When John interchange his position, new Position will be 33 from left and 8 from Right

  Total = 33 + 8 1 = 40
- 30. (c) X>Z -(i) Z>Y -(ii) Z>W -(iii) X>W -(iv)

X > W -(1V) Order will be X > Z > W > YSo, X is the eldest

- 31. (a) Total no. of student = 11 + 9 1 = 19
- 32. (c) C and D>E>A>B So, B is the youngest.
- 33. (a) Required rank of lemon tree = (45 + 1) 20= 26.
- 34. (c) Priyank is  $6^{th}$  from the bottom  $28^{th}$  from top. So, total number of students = 6 + 28 - 1 = 33
- 35. (c) Manu's rank from bottom end = 7<sup>th</sup>
   Shrey's rank from bottom end = (7 + 10) = 17<sup>th</sup>
   Shrey's rank from top end = 8<sup>th</sup>
   ∴ Total number of people = (17 + 8 1) = 24
- 36. (a) Total number of students who have failed = (40+1)-(13+17) $\Rightarrow (41-30)=11$
- 37. (a) Year 2016 'was a leap year'.

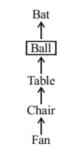
  ∴ Number of days in 2016 = 366.

  = 52 weeks + 2 odd days

  Now, 1st January 2016 was Friday

  So, 30th December, 2016 was also Friday.

  Hence, 31th December, 2016 was Saturday.
- 38. (a) D > C > B > A > E
  ↓
  Maximum Minimum
  Price price
  So, Bottel D has maximum price.
- 39. (c) Ball is at the second position from the top.



40. (a)  $T \rightarrow S \rightarrow P \rightarrow U \rightarrow R \rightarrow Q$ First Last 41. (a) Fr

h Seema

7th \_\_\_\_\_ Manish

Back

Hence, Seema's position is 5<sup>th</sup> from the front.

42. (b) D = 10 cm

$$A = \frac{10}{2} = 5 \text{ cm}$$

$$C = \frac{5}{2} = 2.5 \text{ cm}$$

$$E = 2 + 2.5 = 4.5 \text{ cm}$$

$$B=A+E=5+4.5$$

$$B=9.5 \text{ cm}$$

Longest pencil = D (10 cm)

43. (b) Q = 2PS = 2Q

$$R = \frac{T}{2}$$

$$T = O$$

S is heaviest among all five objects.

44. (a) 18 october 2006 was wednesday.

Number of odd days between 18 october 2006 and 17 october 2000.

$$= 1 + 1 + 2 + 1 + 1 + 1 + 1 = 8$$
 days

So, 17 october 2000 was tuesday.



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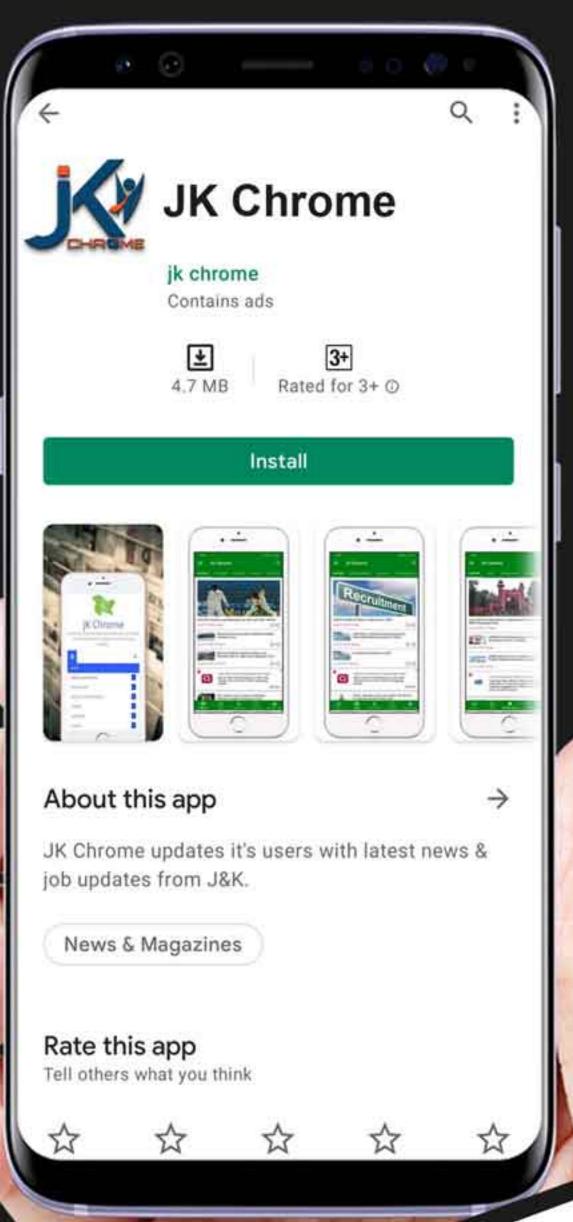
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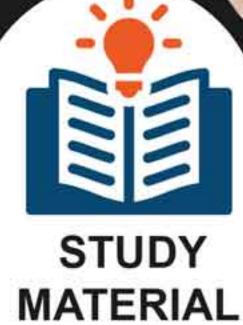
















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