



# SBI PO 2023



## REASONING

# MOST EXPECTED PAPER - 12

*तैयारी करने का सही समय*

LIVE

09:00 AM



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Quiz



Polls







# SBI CLERK 2023



## आधार Batch

DAY-10

# INEQUALITY

## असमानता

सीखो सबकुछ ZERO से

# REASONING

LIVE

12:00 PM





**SBI**

If the even digits of a number '256463127' are decreased by 2 and the odd digits are increased by 2, then which of the following number will we get by multiplying the fifth digit from the left with the second digit from the right?

यदि किसी संख्या '256463127' के सम अंक 2 घटा दिए जाएं और विषम अंक 2 बढ़ा दिए जाएं, तो बाएं से पांचवें अंक को दाएं से दूसरे अंक से गुणा करने पर हमें निम्नलिखित में से कौन सी संख्या प्राप्त होगी?

- a) 16
- b) 4
- c) 12
- d) 28
- e) 36





If in a certain code language BEAUGHTIFUL is coded as MVGJUVBFC, then how PHENOMENON will be coded in the same code language?

यदि एक निश्चित कूट भाषा में BEAUGHTIFUL को MVGJUVBFC के रूप में कूटित किया जाता है, तो उसी कूट भाषा में PHENOMENON को किस प्रकार कूटबद्ध किया जाएगा?

- a) OPOFSPOFIQ
- b) OPOFNPOFIQ
- c) OPOXNPOFIQ
- d) OPOFNPLFIQ
- e) OPOFNQOFIQ





There are eight people: Ashu, Dishu, Krishu, Mishu, Nishu, Rishu, Prishu, and Vishu. They all were born in different years viz. 1973, 2001, 1985, 1979, 2004, 1989, 1995, and 1998 but not necessarily in the same order. But the date and month of birth of all these persons are the same. The calculation is done with respect to the present year 2021 and assuming months and date to the same. The age of Mishu is a prime number. Two people were born between Mishu and Nishu. Two were born between Rishu and Ashu. The difference between the age of Nishu and Prishu is 6 years. The age of Prishu is not divisible by 8. The age of Krishu is divisible by 4 but he is neither the eldest person nor was born adjacent to Nishu. Rishu was born just after Krishu. Dishu was born just before Ashu.

आठ लोग हैं: आशु, दिशु, क्रिशु, मिशु, निशु, रिशु, प्रिशु और विशु। वे सभी अलग-अलग वर्षों में पैदा हुए थे। 1973, 2001, 1985, 1979, 2004, 1989, 1995 और 1998 लेकिन जरूरी नहीं कि इसी क्रम में हों। लेकिन इन सभी व्यक्तियों की जन्मतिथि और महीना एक ही है। गणना वर्तमान वर्ष 2021 के संबंध में और उसी के अनुसार महीने और तारीख मानकर की गई है। मिशु की उम्र एक अभाज्य संख्या है। मिशु और निशु के बीच दो लोगों का जन्म हुआ। रिशु और आशु के बीच दो बच्चे पैदा हुए। निशु और प्रिशु की उम्र के बीच का अंतर 6 वर्ष है। प्रिशु की आयु 8 से विभाज्य नहीं है। क्रिशु की आयु 4 से विभाज्य है लेकिन वह न तो सबसे बड़ा व्यक्ति है और न ही निशु के बगल में पैदा हुआ है। क्रिशु के ठीक बाद रिशु का जन्म हुआ। दिशु का जन्म आशु से ठीक पहले हुआ था।





There are eight people: Ashu, Dishu, Krishu, Mishu, Nishu, Rishu, Prishu, and Vishu. They all were born in different years viz. 1973, 2001, 1985, 1979, 2004, 1989, 1995, and 1998 but not necessarily in the same order. But the date and month of birth of all these persons are the same. The calculation is done with respect to the present year 2021 and assuming months and date to the same. The age of Mishu is a prime number. Two people were born between Mishu and Nishu. Two were born between Rishu and Ashu. The difference between the age of Nishu and Prishu is 6 years. The age of Prishu is not divisible by 8. The age of Krishu is divisible by 4 but he is neither the eldest person nor was born adjacent to Nishu. Rishu was born just after Krishu. Dishu was born just before Ashu.

**Who was born on 1985?**

- a) **Krishu**
- b) **Nishu**
- c) **Ashu**
- d) **Dishu**
- e) **Rishu**





There are eight people: Ashu, Dishu, Krishu, Mishu, Nishu, Rishu, Prishu, and Vishu. They all were born in different years viz. 1973, 2001, 1985, 1979, 2004, 1989, 1995, and 1998 but not necessarily in the same order. But the date and month of birth of all these persons are the same. The calculation is done with respect to the present year 2021 and assuming months and date to the same. The age of Mishu is a prime number. Two people were born between Mishu and Nishu. Two were born between Rishu and Ashu. The difference between the age of Nishu and Prishu is 6 years. The age of Prishu is not divisible by 8. The age of Krishu is divisible by 4 but he is neither the eldest person nor was born adjacent to Nishu. Rishu was born just after Krishu. Dishu was born just before Ashu.

**Whose age is equal to the average age of Mishu and Rishu?**

- a) **Prishu**
- b) **Nishu**
- c) **Ashu**
- d) **Krishu**
- e) **Vishu**





There are eight people: Ashu, Dishu, Krishu, Mishu, Nishu, Rishu, Prishu, and Vishu. They all were born in different years viz. 1973, 2001, 1985, 1979, 2004, 1989, 1995, and 1998 but not necessarily in the same order. But the date and month of birth of all these persons are the same. The calculation is done with respect to the present year 2021 and assuming months and date to the same. The age of Mishu is a prime number. Two people were born between Mishu and Nishu. Two were born between Rishu and Ashu. The difference between the age of Nishu and Prishu is 6 years. The age of Prishu is not divisible by 8. The age of Krishu is divisible by 4 but he is neither the eldest person nor was born adjacent to Nishu. Rishu was born just after Krishu. Dishu was born just before Ashu.

**How many people are born between Vishu and Dishu?**

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





There are eight people: Ashu, Dishu, Krishu, Mishu, Nishu, Rishu, Prishu, and Vishu. They all were born in different years viz. 1973, 2001, 1985, 1979, 2004, 1989, 1995, and 1998 but not necessarily in the same order. But the date and month of birth of all these persons are the same. The calculation is done with respect to the present year 2021 and assuming months and date to the same. The age of Mishu is a prime number. Two people were born between Mishu and Nishu. Two were born between Rishu and Ashu. The difference between the age of Nishu and Prishu is 6 years. The age of Prishu is not divisible by 8. The age of Krishu is divisible by 4 but he is neither the eldest person nor was born adjacent to Nishu. Rishu was born just after Krishu. Dishu was born just before Ashu.

**Whose age is a multiple of 5?**

- a) **Prishu**
- b) **Nishu**
- c) **Mishu**
- d) **Ashu**
- e) **Krishu**





There are eight people: Ashu, Dishu, Krishu, Mishu, Nishu, Rishu, Prishu, and Vishu. They all were born in different years viz. 1973, 2001, 1985, 1979, 2004, 1989, 1995, and 1998 but not necessarily in the same order. But the date and month of birth of all these persons are the same. The calculation is done with respect to the present year 2021 and assuming months and date to the same. The age of Mishu is a prime number. Two people were born between Mishu and Nishu. Two were born between Rishu and Ashu. The difference between the age of Nishu and Prishu is 6 years. The age of Prishu is not divisible by 8. The age of Krishu is divisible by 4 but he is neither the eldest person nor was born adjacent to Nishu. Rishu was born just after Krishu. Dishu was born just before Ashu.

**How many people are born between Vishu and Ashu?**

- a) **Two**
- b) **Four**
- c) **Three**
- d) **One**
- e) **Five**





## **Statements:**

**All M are N.**

**Some M are P.**

## **Conclusions:**

**I. Some P are N.**

**II. No P is a N.**

- a) Only Conclusion I follows**
- b) Only Conclusion II follows**
- c) Both conclusion I and II follows**
- d) None of the conclusion follows**
- e) Answer not known**





## **Statements:**

**Only a few Red are Blue.**

**Only a few Blue is Pink.**

**All Pink is Yellow.**

## **Conclusions:**

**I. All Yellow being Blue is a possibility.**

**II. Some Pink is Red.**

- a) If only conclusion I follows.**
- b) If only conclusion II follows.**
- c) If either conclusion I or II follows.**
- d) If neither conclusion I nor II follows.**
- e) If both conclusions I and II follow.**





## **Statements:**

**Only a few Sea are River**

**All River are Water bodies**

## **Conclusions:**

**I. Some Sea are Water bodies**

**II. All sea are River**

- a) **Both I and II follows**
- b) **Neither I and II follows**
- c) **Either I or II follows**
- d) **Only I follow**
- e) **Only II follows**





## Statements:

$C < R < I \leq T \leq S = Y > P \geq A < L < D < F \geq G \geq H$

## Conclusions:

I.  $Y > C$

II.  $Y > D$

III.  $I < A$

- a) Only Conclusion I is True
- b) Only Conclusion II is True
- c) Only Conclusion III is True
- d) Both Conclusion I and II is True
- e) Both Conclusion I and III is True





Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that " $S < X$ " and " $N \geq P$ " definitely hold True?

दिए गए अभिव्यक्ति को इस तरह से पूरा करने के लिए निम्नलिखित में से कौन से प्रतीकों का क्रमशः रिक्त स्थानों में (बाएं से दाएं समान क्रम में) रखा जाना चाहिए ताकि " $S < X$ " और " $N \geq P$ " निश्चित रूप से सत्य हो?

$X \_ N \_ O \geq S \_ P$

- a)  $>, =, >$
- b)  $=, \geq, =$
- c)  $>, \geq, =$
- d)  $>, >, \geq$
- e) None of these





Which of the following symbols should replace '?' in the given expression in order to make expression  $P > Q$  definitely true?

निम्नलिखित में से कौन सा प्रतीक '?' का स्थान लेना चाहिए दिए गए व्यंजक में व्यंजक  $P > Q$  को निश्चित रूप से सत्य बनाने के लिए?

$$R = N > Q ? T < V = O ? P \geq S \leq U$$

- a)  $<, <$
- b)  $>, <$
- c)  $<, \geq$
- d)  $>, \geq$
- e)  $\geq, \geq$





A certain number of persons sit in a linear row facing towards North. Five persons are sitting between Neha and Ritu. Riya sits fourth to the right of Ritu and third to the left of Megha. Number of persons sit between Neha and Priya is equal to the number of persons sit between Priya and Riya. Neha sits fourth from one of the extreme ends. Number of persons sits between Neha and Anu is one more than the persons sit between Anu and Priya. Nitu sits seventh to the left of Priya. As many persons sit to the right of Megha is one less than the total number of persons sit to the left of Nitu. Total number of persons are sitting between Neha and Riya is more than four.

एक निश्चित संख्या में व्यक्ति उत्तर दिशा की ओर मुख करके एक रेखिक पंक्ति में बैठते हैं। नेहा और रितु के बीच पांच व्यक्ति बैठे हैं। रिया रितु के दायें से चौथे और मेघा के बायें से तीसरे स्थान पर बैठी है। नेहा और प्रिया के बीच बैठे व्यक्तियों की संख्या प्रिया और रिया के बीच बैठे व्यक्तियों की संख्या के बराबर है। नेहा किसी एक अंतिम छोर से चौथे स्थान पर बैठी है। नेहा और अनु के बीच बैठने वाले व्यक्तियों की संख्या अनु और प्रिया के बीच बैठने वाले व्यक्तियों की संख्या से एक अधिक है। नीट प्रिया के बायीं ओर सातवें स्थान पर बैठी है। मेघा के दायीं ओर जितने व्यक्ति बैठे हैं, वह नीत के बायीं ओर बैठे व्यक्तियों की कुल संख्या से एक कम है। नेहा और रिया के बीच बैठे व्यक्तियों की कुल संख्या चार से अधिक है।





A certain number of persons sit in a linear row facing towards North. Five persons are sitting between Neha and Ritu. Riya sits fourth to the right of Ritu and third to the left of Megha. Number of persons sit between Neha and Priya is equal to the number of persons sit between Priya and Riya. Neha sits fourth from one of the extreme ends. Number of persons sits between Neha and Anu is one more than the persons sit between Anu and Priya. Nitu sits seventh to the left of Priya. As many persons sit to the right of Megha is one less than the total number of persons sit to the left of Nitu. Total number of persons are sitting between Neha and Riya is more than four.

**How many persons sit to the left of Nitu?**

- a) **One**
- b) **Two**
- c) **Three**
- d) **Four**
- e) **Five**





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**Who sits extreme right end of the row?**

- a) **Megha**
- b) **Riya**
- c) **Ritu**
- d) **Neha**
- e) **Priya**





A certain number of persons sit in a linear row facing towards North. Five persons are sitting between Neha and Ritu. Riya sits fourth to the right of Ritu and third to the left of Megha. Number of persons sit between Neha and Priya is equal to the number of persons sit between Priya and Riya. Neha sits fourth from one of the extreme ends. Number of persons sits between Neha and Anu is one more than the persons sit between Anu and Priya. Nitu sits seventh to the left of Priya. As many persons sit to the right of Megha is one less than the total number of persons sit to the left of Nitu. Total number of persons are sitting between Neha and Riya is more than four.

**How many persons are sitting between Neha and Riya?**

- a) **Six**
- b) **Seven**
- c) **Eight**
- d) **Nine**
- e) **Ten**





A certain number of persons sit in a linear row facing towards North. Five persons are sitting between Neha and Ritu. Riya sits fourth to the right of Ritu and third to the left of Megha. Number of persons sit between Neha and Priya is equal to the number of persons sit between Priya and Riya. Neha sits fourth from one of the extreme ends. Number of persons sits between Neha and Anu is one more than the persons sit between Anu and Priya. Nitu sits seventh to the left of Priya. As many persons sit to the right of Megha is one less than the total number of persons sit to the left of Nitu. Total number of persons are sitting between Neha and Riya is more than four.

**Who sits fourth to the left of Riya?**

- a) **Ritu**
- b) **Neha**
- c) **Megha**
- d) **Priya**
- e) **Riya**





A certain number of persons sit in a linear row facing towards North. Five persons are sitting between Neha and Ritu. Riya sits fourth to the right of Ritu and third to the left of Megha. Number of persons sit between Neha and Priya is equal to the number of persons sit between Priya and Riya. Neha sits fourth from one of the extreme ends. Number of persons sits between Neha and Anu is one more than the persons sit between Anu and Priya. Nitu sits seventh to the left of Priya. As many persons sit to the right of Megha is one less than the total number of persons sit to the left of Nitu. Total number of persons are sitting between Neha and Riya is more than four.

**How many persons are sitting in a row?**

- a) 15
- b) 16
- c) 17
- d) 10
- e) 12





**TIN**

**POD**

**JET**

**CAT**

**GUN**

If all the letters in each of the words are arranged alphabetically (within the word), how many words will remain unchanged

यदि प्रत्येक शब्द के सभी अक्षरों को वर्णानुक्रम में (शब्द के भीतर) व्यवस्थित किया जाए, तो कितने शब्द अपरिवर्तित रहेंगे?

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





**TIN**

**POD**

**JET**

**CAT**

**GUN**

According to English alphabetical series how many letters are there between the 1st letter of the 2nd word and 2nd letter of 5th word ?

अंग्रेजी वर्णमाला श्रृंखला के अनुसार दूसरे शब्द के पहले अक्षर और पांचवें शब्द के दूसरे अक्षर के बीच कितने अक्षर हैं?

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





**TIN**

**POD**

**JET**

**CAT**

**GUN**

If 1st letter (in all the words) are changed to the previous letter of the English alphabetical series, how many words will have more than one vowel ?

यदि अंग्रेजी वर्णमाला श्रृंखला के पहले अक्षर (सभी शब्दों में) को पिछले अक्षर से बदल दिया जाए, तो कितने शब्दों में एक से अधिक स्वर होंगे?

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





**TIN                      POD                      JET                      CAT                      GUN**

If all the vowels (in all the words) are changed to the next letter of the English alphabetical series, how many words will form meaningful words?

यदि सभी स्वरों (सभी शब्दों में) को अंग्रेजी वर्णमाला श्रृंखला के अगले अक्षर से बदल दिया जाए, तो कितने शब्द सार्थक शब्द बनेंगे?

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





**TIN**

**POD**

**JET**

**CAT**

**GUN**

If position of the 1st and 3rd letters of all the words are interchanged and then the words thus formed are arranged in dictionary order from left to right, which of the following will be second from left ?

यदि सभी शब्दों के पहले और तीसरे अक्षर की स्थिति को आपस में बदल दिया जाए और फिर इस प्रकार बने शब्दों को शब्दकोश क्रम में बाएं से दाएं व्यवस्थित किया जाए, तो निम्नलिखित में से कौन सा बाएं से दूसरे स्थान पर होगा?

- a) **SAT**
- b) **DEN**
- c) **ROD**
- d) **PIN**
- e) **FUN**





SBI

Eight persons A, B, C, D, E, F, G and H are sitting in a horizontal row. Four of them face north while rest face south. Not more than two adjacent persons face in the same direction. A sits second to the left of D. F sits to the immediate left of H. D and F are adjacent to each other. C is not adjacent to A but faces south. The number of persons to the left of A is one more than the number of persons to the right of him. B sits second to the left of G and both face in the same direction. C does not sit at extreme end. The person at extreme end face in the same direction.

आठ व्यक्ति A, B, C, D, E, F, G और H एक क्षैतिज पंक्ति में बैठे हैं। उनमें से चार का मुख उत्तर की ओर है जबकि शेष का मुख दक्षिण की ओर है। दो से अधिक आसन्न व्यक्तियों का मुख एक ही दिशा में नहीं है। A, D के बायीं ओर दूसरे स्थान पर बैठा है। F, H के ठीक बायीं ओर बैठा है। D और F एक दूसरे के निकटस्थ हैं। C, A के निकटस्थ नहीं है लेकिन दक्षिण की ओर उन्मुख है। A के बाईं ओर के व्यक्तियों की संख्या उसके दाईं ओर के व्यक्तियों की संख्या से एक अधिक है। B, G के बायीं ओर दूसरे स्थान पर बैठा है और दोनों का मुख एक ही दिशा में है। C अंतिम छोर पर नहीं बैठा है। अंतिम छोर पर बैठा व्यक्ति समान दिशा की ओर उन्मुख है।





Eight persons A, B, C, D, E, F, G and H are sitting in a horizontal row. Four of them face north while rest face south. Not more than two adjacent persons face in the same direction. A sits second to the left of D. F sits to the immediate left of H. D and F are adjacent to each other. C is not adjacent to A but faces south. The number of persons to the left of A is one more than the number of persons to the right of him. B sits second to the left of G and both face in the same direction. C does not sit at extreme end. The person at extreme end face in the same direction.

**Who sits immediate right of C?**

- a) **G**
- b) **B**
- c) **A**
- d) **E**
- e) **F**





Eight persons A, B, C, D, E, F, G and H are sitting in a horizontal row. Four of them face north while rest face south. Not more than two adjacent persons face in the same direction. A sits second to the left of D. F sits to the immediate left of H. D and F are adjacent to each other. C is not adjacent to A but faces south. The number of persons to the left of A is one more than the number of persons to the right of him. B sits second to the left of G and both face in the same direction. C does not sit at extreme end. The person at extreme end face in the same direction.

**Four are the same in a certain way thus forms a group. Which among the following does not belong to the group??**

- a) **B**
- b) **H**
- c) **D**
- d) **G**
- e) **A**





Eight persons A, B, C, D, E, F, G and H are sitting in a horizontal row. Four of them face north while rest face south. Not more than two adjacent persons face in the same direction. A sits second to the left of D. F sits to the immediate left of H. D and F are adjacent to each other. C is not adjacent to A but faces south. The number of persons to the left of A is one more than the number of persons to the right of him. B sits second to the left of G and both face in the same direction. C does not sit at extreme end. The person at extreme end face in the same direction.

**How many persons sit to the right of E?**

- a) **Three**
- b) **Four**
- c) **One**
- d) **Five**
- e) **Six**





Eight persons A, B, C, D, E, F, G and H are sitting in a horizontal row. Four of them face north while rest face south. Not more than two adjacent persons face in the same direction. A sits second to the left of D. F sits to the immediate left of H. D and F are adjacent to each other. C is not adjacent to A but faces south. The number of persons to the left of A is one more than the number of persons to the right of him. B sits second to the left of G and both face in the same direction. C does not sit at extreme end. The person at extreme end face in the same direction.

**Who sits second to the right of G?**

- a) **E**
- b) **D**
- c) **F**
- d) **H**
- e) **C**





Eight persons A, B, C, D, E, F, G and H are sitting in a horizontal row. Four of them face north while rest face south. Not more than two adjacent persons face in the same direction. A sits second to the left of D. F sits to the immediate left of H. D and F are adjacent to each other. C is not adjacent to A but faces south. The number of persons to the left of A is one more than the number of persons to the right of him. B sits second to the left of G and both face in the same direction. C does not sit at extreme end. The person at extreme end face in the same direction.

**Who sits immediate left of G?**

- a) **B**
- b) **C**
- c) **D**
- d) **F**
- e) **H**



# Join my **TELEGRAM GROUP**



**@reasoningbybasantsir**



**Daily PDF of all YT sessions**



**Discussion / Doubt Solving**



**Direct Interaction with me**



**Quiz**



**Polls**







# SBI CLERK 2023



## आधार Batch

DAY-10

# INEQUALITY

## असमानता

सीखो सबकुछ ZERO से

# REASONING

LIVE

12:00 PM







Thank  
you!





1-5. Following questions are based on the five three-letter words?

428

769

853

682

378

**Q.1.** If all the numbers are arranged in descending order, what will be the difference between the second digit of third number and first digit of second number?

1) 2

2) 1

3) 3

4) 4

5) None of these





1-5. Following questions are based on the five three-letter words?

428

769

853

682

378

**Q.2.** If one is subtracted from the first and second digits of each number. What will be difference between the first digit of the highest number and the first digit of the lowest number?

- 1) 2
- 2) 3
- 3) 4
- 4) 5
- 5) None of these





1-5. Following questions are based on the five three-letter words?

428

769

853

682

378

**Q.3.** If in each number the first and the second digits are interchanged, which number will be the second highest number?

- 1) 853                      2) 769                      3) 378
- 4) 682                      5) None of these





1-5. Following questions are based on the five three-letter words?

428

769

853

682

378

**Q.4.** If in each number, the first digit is replaced by the third digit, second digit is replaced by the first digit and third digit is replaced by the second digit then which number will be the second highest?

- 1) 378                      2) 769                      3) 682  
4) 428                      5) None of these





1-5. Following questions are based on the five three-letter words?

**428**

**769**

**853**

**682**

**378**

**Q.4. If in each number all the digits are arranged in ascending order, which number will be the second lowest?**

**1) 428**

**2) 682**

**3) 853**

**4) 378**

**5) None of these**