# SBJ PO 2023 <br> <br> REASONING 

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SBI

## MOST EXPEGIZD

## PAPER - 4

ैैयारी करने का सही समय

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## DAY-2

## Coding \& Decoding

सीबो सबकुछ Z=RO से REASONING

Directions: In this question, relationship between different elements is shown in the statements. These Statements are followed by two conclusions.

Statements: $\mathrm{B}<\mathrm{S} \leq \mathrm{Q}<\mathrm{Y} \neq \mathrm{X}=\mathrm{C} \geq \mathrm{J}$
Conclusions:
I) $S<X$
II) $Y \neq C$
a) Only Conclusion I follows
b) Only Conclusion II follows
c) Either Conclusion I or Il follows
d) Neither Conclusion I nor II follows
e) Both Conclusion I and II follow

Directions: In this question, relationship between different elements is shown in the statements. These Statements are followed by two conclusions.

Statements: $\mathrm{K}>\mathrm{Z}<\mathrm{L} \neq \mathrm{A} \neq \mathrm{T}=\mathrm{V}$
Conclusions:
I. $\mathrm{L} \neq \mathrm{T}$
II. $K<T$
a) Only Conclusion I follows
b) Only Conclusion II follows
c) Either Conclusion I or Il follows
d) Neither Conclusion I nor II follows
e) Both Conclusion I and II follow

Directions: In this question, relationship between different elements is shown in the statements. These Statements are followed by two conclusions.

Statements: $\mathrm{K}>\mathrm{Z}<\mathrm{L}=\mathrm{A} \neq \mathrm{T}=\mathrm{V}$
Conclusions:
I. $\mathrm{A}>\mathrm{V}$
II. $\mathrm{L}<\mathrm{T}$
a) Only Conclusion I follows
b) Only Conclusion II follows
c) Either Conclusion I or Il follows
d) Neither Conclusion I nor II follows
e) Both Conclusion I and II follow

Directions: In this question, relationship between different elements is shown in the statements. These Statements are followed by two conclusions.

Statements: $O \neq P>Q \geq R \geq S=T$

## Conclusions:

l. $\mathrm{O}=\mathrm{S}$
II. O \# T
a) Only Conclusion I follows
b) Only Conclusion II follows
c) Either Conclusion I or Il follows
d) Neither Conclusion I nor II follows
e) Both Conclusion I and II follow

Directions: In this question, relationship between different elements is shown in the statements. These Statements are followed by two conclusions.

Statements: $\mathrm{C}=\mathrm{H} \leq \mathrm{D} \neq \mathrm{E} \leq \mathrm{F} \geq \mathrm{G}=\mathrm{Z}$
Conclusions:
I. $\mathrm{C}<\mathrm{F}$
II. $\mathrm{H} \geq \mathrm{F}$
a) Only Conclusion I follows
b) Only Conclusion II follows
c) Either Conclusion I or Il follows
d) Neither Conclusion I nor II follows
e) Both Conclusion I and II follow

Eight persons P, Q, R, S, T, U, V and $\mathbf{W}$ are sitting in a row. All of them are facing North. Each of them has a different profession i.e, Engincer, Doctor, C. A., Teacher, Lawyer, Singer, Actor, and Entrepreneur but not necessarily in the same order. R and Q are sitting at the extreme end of the row. Three persons sit between $R$ and the one who is a Doctor. Two persons sit between the one who is an Engineer and the one who is a Doctor. W and U are immediate neighbors of S , who is a Doctor. V sits immediately to the left of W. One person sits between the person who is a C. A. and U , who is a Teacher. P is not an Actor. P sits immediately to the left of Q, who is an Engineer. The Entrepreneur is not a neighbor of a Lawyer. Entrepreneur sits second to the right of Singer.

आठ व्यक्ति $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ और W एक पंत्ति मे बैठे हैं। उन सभी का मुख उत्तर की ओर है। उनमें से प्रत्येक का एक अलग पेशा है यानी, इंजीनियर, डॉक्टर, सी. ए., शिक्षक वकील, गायक, अभिनेता और उद्यमी लेकिन जरूरीनहीं कि इसी क्रम में हों। R और Q पंत्ति के अंतिम छोर पर बैठे हैं। R और वह जो डॉक्टर है, के बीच तीन व्यक्ति बैठे है। जो व्यक्ति इंजीनियर है और जो डॉक्टर है, उनके बीच दो व्यक्ति बैठे हैं। W और $\mathrm{U}, \mathrm{S}$ के निकटतम पड़ोसी हैं, जो एक डॉक्टर है। $\mathrm{V}, \mathrm{W}$ के ठीक बाई ओर बैठा है। एक व्यक्ति उस व्यक्ति के बीच में बैठा है जो C. A. है और U, जो एक शिक्षक है। P एक अभिनेता नहीं है. $\mathrm{P}, \mathrm{Q}$ के ठीक बाई ओर बैठा है, जो एक इंजीनियर है। उद्यमी किसी वकील का पड़ोसी नहीं है। उद्यमी सिंगर के दायें से दूसरे स्थान पर बैठा है।
$R$ and $Q$ are sitting at the extreme end of the row. Three persons sit between R and the one who is a Doctor. Two persons sit between the one who is an Engineer and the one who is a Doctor. W and U are immediate neighbors of S , who is a Doctor. V sits immediately to the left of $\mathbf{W}$. One person sits between the person who is a C. A. and U, who is a Teacher. P is not an Actor. P sits immediately to the left of Q , who is an Engineer. The Entrepreneur is not a neighbor of a Lawyer. Entrepreneur sits second to the right of Singer.
Which among the following is true?

1) $R$ is an Actor
2) $Q$ is a Singer
3) $T$ is an Actor
4) $P$ is a teacher
5) $U$ is a Doctor

R and Q are sitting at the extreme end of the row. Three persons sit between R and the one who is a Doctor. Two persons sit between the one who is an Engineer and the one who is a Doctor. W and U are immediate neighbors of S , who is a Doctor. V sits immediately to the left of $\mathbf{W}$. One person sits between the person who is a C. A. and U, who is a Teacher. P is not an Actor. P sits immediately to the left of Q , who is an Engineer. The Entrepreneur is not a neighbor of a Lawyer. Entrepreneur sits second to the right of Singer.
What is the profession of the person who sits fourth from the right end of the row?

1) Doctor
2) Lawyer
3) Engineer
4) Actor
5) C. A.

R and Q are sitting at the extreme end of the row. Three persons sit between R and the one who is a Doctor. Two persons sit between the one who is an Engineer and the one who is a Doctor. W and U are immediate neighbors of S , who is a Doctor. V sits immediately to the left of $\mathbf{W}$. One person sits between the person who is a C. A. and U, who is a Teacher. P is not an Actor. P sits immediately to the left of Q , who is an Engineer. The Entrepreneur is not a neighbor of a Lawyer. Entrepreneur sits second to the right of Singer.
Who among the following person sits to the immediate right of R ?

1) $V$
2) S
3) T
4) U
5) $P$

R and Q are sitting at the extreme end of the row. Three persons sit between R and the one who is a Doctor. Two persons sit between the one who is an Engineer and the one who is a Doctor. W and U are immediate neighbors of S , who is a Doctor. V sits immediately to the left of $\mathbf{W}$. One person sits between the person who is a C. A. and U, who is a Teacher. P is not an Actor. P sits immediately to the left of Q , who is an Engineer. The Entrepreneur is not a neighbor of a Lawyer. Entrepreneur sits second to the right of Singer.
Four of the following are alike in a certain way and form a group. Which of the following does not belong to that group?

1) Singer, Entrepreneur
2) Actor, C.A.
3) Entrepreneur, Doctor
4) C. A., Teacher
5) Doctor, Enqineer

R and Q are sitting at the extreme end of the row. Three persons sit between R and the one who is a Doctor. Two persons sit between the one who is an Engineer and the one who is a Doctor. W and U are immediate neighbors of S , who is a Doctor. V sits immediately to the left of $\mathbf{W}$. One person sits between the person who is a C. A. and U , who is a Teacher. P is not an Actor. P sits immediately to the left of Q , who is an Engineer. The Entrepreneur is not a neighbor of a Lawyer. Entrepreneur sits second to the right of Singer.
Which among the following pairs sit in the middle of the row?

1) $\mathrm{S}-\mathrm{P}$
2) $\mathrm{U}-\mathrm{Q}$
3) $\mathrm{W}-\mathrm{S}$
4) $R-T$
5) $\mathrm{R}-\mathrm{Q}$

Nikunj starts walking from point B and walks 8 m towards the west to reach point $M$, then he takes a right turn and walks for 11 m to reach point X. From point X he takes a left turn and walks for 10 m to reach point N , from point N he walks 12 m south direction to reach point W , then takes a left turn and walks 15 m to reach point O , from point O he takes a left turn and walk for 12 m and reaches point P , then take a right turn and walk for 3 m and reach point Q , which is the final position.
निकुंज बिंद B से चलना शुरूकरता है और बिंद M तक पहुंचने के लिए पश्रिम की ओर 8 मीटर चलता है, फिर वह दाएं मुड़ता है और बिंद X तक पहुंचने के लिए 11 मीटर चलता है। बिंदु X से वह बाईं ओर मुड़ता है और बिंद N तक पहृंचने के लिए 10 मीटर चलता है। बिंद $\mathbf{N}$ पर वह बिंदु W पर पहुंचने के लिए 12 मीटर दक्षिण दिशा में चलता है, फिर बाईं ओर मुड़ता है और बिंद O पर पहुंचने के लिए 15 मीटर चलता है, बिंदु O से वह बाईं ओर मुड़ता है और 12 मीटर चलता है और बिंद P पर पहंचता है, फिर दाएं मुड़ता है और चलता है 3 मीटर तक और बिंदु $Q$ पर पहुंचें, जो अंतिम स्थिति है।

Nikunj starts walking from point B and walks 8m towards the west to reach point $M$, then he takes a right turn and walks for 11 m to reach point X . From point X he takes a left turn and walks for 10 m to reach point N , from point N he walks 12 m south direction to reach point $\mathbf{W}$, then takes a left turn and walks 15 m to reach point O , from point O he takes a left turn and walk for 12 m and reaches point $P$, then take a right turn and walk for 3 m and reach point Q , which is the final position.
What is the shortest distance between point O and point B?

1) $5 \sqrt{2} \mathrm{~m}$
2) 12 m
3) $\sqrt{10 m}$
4) $2 \sqrt{ } 10 \mathrm{~m}$
5) None of these

Nikunj starts walking from point B and walks 8m towards the west to reach point $M$, then he takes a right turn and walks for 11 m to reach point X . From point X he takes a left turn and walks for 10 m to reach point N , from point N he walks 12 m south direction to reach point $\mathbf{W}$, then takes a left turn and walks 15 m to reach point O , from point O he takes a left turn and walk for 12 m and reaches point P , then take a right turn and walk for 3 m and reach point Q , which is the final position.
What is the direction of point M with respect to point N?

1) North
2) South-east
3) South
4) East
5) None of these

Nikunj starts walking from point B and walks 8m towards the west to reach point $M$, then he takes a right turn and walks for 11 m to reach point X . From point X he takes a left turn and walks for 10 m to reach point N , from point N he walks 12 m south direction to reach point $W$, then takes a left turn and walks 15 m to reach point O , from point O he takes a left turn and walk for 12 m and reaches point P , then take a right turn and walk for 3 m and reach point Q , which is the final position.
What is the distance between point $B$ and point $Q$ ?

1) 11 m
2) 12 m
3) 13 m
4) 20 m
5) None of these
$\mathbf{1 2}$ persons are sitting in a parallel row such that six persons sit in each row. Persons in row 1 face south and persons in row 2 face north. A, B, C, D, E and F sit in row 1 while P, Q, $\mathrm{R}, \mathrm{S}, \mathrm{T}$ and U in row 2. F sits third to the right of one, who sits opposite to U. One person sits between F and A. F does not sit at any end. E sits opposite to T. Three persons sit between T and S. T does not sit at any extreme end. B sits opposite to $P$, who is not adjacent to T. C does not sit at extreme end or opposite to $\mathbf{Q}$.
12 व्यक्ति एक समानांतर पंक्ति में इस प्रकार बैठे हैं कि प्रत्येक पंत्ति में छह व्यक्ति बैठे हैं। पंक्ति 1 के व्यक्तियों का मुख दक्षिण की ओर है और पंक्ति 2 के व्यक्तियों का मुख उत्तर की ओर है। $\mathrm{A}, \mathrm{B}$, $\mathrm{C}, \mathrm{D}, \mathrm{E}$ और F पंक्ति 1 में बैठे हैं जबकि $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}$ और U पंक्ति 2 में बैठे हैं। F उस व्यक्ति के दाएँ तीसरे स्थान पर बैठा है, जो U के विपरीत बैठा है। बीच में एक व्यक्ति बैठता है F और A.F किसी भी छोर पर नहीं बैठा है। $\mathrm{E}, \mathrm{T}$ के विपरीत बैठा है। T और S के बीच तीन व्यक्ति बैठे हैं। T किसी भी अंतिम छोर पर नहीं बैठा है। $\mathrm{B}, \mathrm{P}$ के विपरीत बैठा है, जो T के निकटतम नहीं है। C अंतिम छोर पर या Q के विपरीत नहीं बैठा है।

12 persons are sitting in a parallel row such that six persons sit in each row. Persons in row 1 face south and persons in row 2 face north. A, B, C, D, E and F sit in row 1 while P, Q, $\mathrm{R}, \mathrm{S}, \mathrm{T}$ and U in row 2. F sits third to the right of one, who sits opposite to U. One person sits between F and A. F does not sit at any end. E sits opposite to T. Three persons sit between T and S. T does not sit at any extreme end. B sits opposite to $P$, who is not adjacent to T. C does not sit at extreme end or opposite to $\mathbf{Q}$.
Who among the following sits immediate left of R?

1) $S$
2) $Q$
3) $P$
4) $T$
5) U

12 persons are sitting in a parallel row such that six persons sit in each row. Persons in row 1 face south and persons in row 2 face north. A, B, C, D, E and F sit in row 1 while P, Q, $\mathrm{R}, \mathrm{S}, \mathrm{T}$ and U in row 2. F sits third to the right of one, who sits opposite to U. One person sits between F and A. F does not sit at any end. E sits opposite to T. Three persons sit between T and S. T does not sit at any extreme end. B sits opposite to $P$, who is not adjacent to T. C does not sit at extreme end or opposite to $\mathbf{Q}$.
How many persons sit between A and D in the same row?

1) One
2) Two
3) Three
4) Four
5) No one

12 persons are sitting in a parallel row such that six persons sit in each row. Persons in row 1 face south and persons in row 2 face north. A, B, C, D, E and F sit in row 1 while P, Q, $\mathrm{R}, \mathrm{S}, \mathrm{T}$ and U in row 2. F sits third to the right of one, who sits opposite to U. One person sits between F and A. F does not sit at any end. E sits opposite to T. Three persons sit between T and S. T does not sit at any extreme end. B sits opposite to $P$, who is not adjacent to T. C does not sit at extreme end or opposite to Q.
Who sits opposite to C?

1) $P$
2) $Q$
3) $R$
4) S
5) U

12 persons are sitting in a parallel row such that six persons sit in each row. Persons in row 1 face south and persons in row 2 face north. A, B, C, D, E and F sit in row 1 while P, Q, $\mathrm{R}, \mathrm{S}, \mathrm{T}$ and U in row 2. F sits third to the right of one, who sits opposite to U. One person sits between F and A. F does not sit at any end. E sits opposite to T. Three persons sit between T and S. T does not sit at any extreme end. B sits opposite to $P$, who is not adjacent to T. C does not sit at extreme end or opposite to $\mathbf{Q}$.
Find the odd one out.

1) A
2) $D$
3) $F$
4) S
5) U

12 persons are sitting in a parallel row such that six persons sit in each row. Persons in row 1 face south and persons in row 2 face north. A, B, C, D, E and F sit in row 1 while P, Q, $\mathrm{R}, \mathrm{S}, \mathrm{T}$ and U in row 2. F sits third to the right of one, who sits opposite to U. One person sits between F and A. F does not sit at any end. E sits opposite to T. Three persons sit between T and S. T does not sit at any extreme end. B sits opposite to $P$, who is not adjacent to T. C does not sit at extreme end or opposite to Q.
Who sits second to the right of C?

1) $B$
2) A
3) E
4) F
5) No one

If it is possible to make only one 4 letters meaningful word without repetition of the letter with the third, fourth, sixth and the eighth letters of the word 'RAVISHMENT', which would be the third letter from the left of the word? If more than one such word can be formed, give $\mathbf{X}$ as the answer. If no such word can be formed, give K as your answer. यदि 'RAVISHMENT' शब्द के तीसरे, चौथे, छठे और आठवें अक्षर से अक्षर की पुनरावृत्ति के बिना केवल एक 4 अक्षर का सार्थक शब्द बनाना संभव है, तो शब्द के बाएं से तीसरा अक्षर कौन सा होगा? यदि ऐसे एक से अधिक शब्द बनाए जा सकते हैं, तो उत्तर के रूपमें X दीजिए। यदि ऐसा कोई शब्द नहीं बनाया जा सकता है, तो अपने उत्तर के रूपमें K दें

1) I
2) $V$
3) H
4) K
5) $X$

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending the meeting on either 13th or 24th of January, February, March, April and May. Only two persons attend the meeting before E . Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 24th of the month which has the least number of days. A and D attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and D . J attends the meeting immediately after I . Two persons attend the meeting between G and I. दस व्यक्ति अर्थात् A, B, C, D, E, F, G, H, I और J जनवरी, फरवरी, मार्च, अप्रैल और मई की 13 या 24 तारीख को बैठक में भाग लेंगे। E से पहले केवल दो व्यक्ति बैठक में भाग लेते हैं। B और H के बीच तीन. व्यक्ति बैठक में भाग लेते हैं। F मार्च में बैठक में भाग लेता है। B उस महीने की 24 तारीख को बैठक में भाग लेता है जिसमें सबसे कम दिन हैं। A और D विषम तिथियों पर उपस्थित होते हैं। D उस महीने में उपस्थित होता है जिसमें 30 दिन होते हैं। J और D के बीच दो व्यक्ति बैठक में भाग लेते हैं। $\mathrm{J}, \mathrm{I}$ के तुरंत बाद बैठक में भाग लेता है। G और I के बीच दो व्यक्ति बैठक में भाग लेते हैं।

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending the meeting on either 13th or 24th of January, February, March, April and May. Only two persons attend the meeting before E . Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 24th of the month which has the least number of days. A and D attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and $\mathrm{D} . \mathrm{J}$ attends the meeting immediately after I . Two persons attend the meeting between $\mathbf{G}$ and I .
Who attends the meeting on 24th January?

1) J
2) $C$
3) B
4) $G$
5) H

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending the meeting on either 13th or 24th of January, February, March, April and May. Only two persons attend the meeting before E . Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 24th of the month which has the least number of days. A and $\mathbf{D}$ attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and D . J attends the meeting immediately after I. Two persons attend the meeting between $\mathbf{G}$ and I . How many persons attend the meeting between B and I?

1) Two
2) Five
3) $\operatorname{Six}$
4) One
5) Four

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending the meeting on either 13th or 24th of January, February, March, April and May. Only two persons attend the meeting before E . Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 24th of the month which has the least number of days. A and D attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and D . J attends the meeting immediately after I . Two persons attend the meeting between $\mathbf{G}$ and I . Who attends the meeting immediately after F?

1) $B$
2) G
3) E
4) H
5) I

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending the meeting on either 13th or 24th of January, February, March, April and May. Only two persons attend the meeting before E . Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 24th of the month which has the least number of days. A and D attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and $\mathrm{D} . \mathrm{J}$ attends the meeting immediately after I . Two persons attend the meeting between $\mathbf{G}$ and I .
In which month does J attend the meeting?

1) February
2) March
3) January
4) May
5) April

There are ten persons namely A, B, C, D, E, F, G, H, I and J attending the meeting on either 13th or 24th of January, February, March, April and May. Only two persons attend the meeting before E . Three persons attend the meeting between B and H. F attends the meeting in March. B attends the meeting on the 24th of the month which has the least number of days. A and D attend on odd dates. D attends on the month which has 30 days. Two persons attend the meeting between J and $\mathrm{D} . \mathrm{J}$ attends the meeting immediately after I . Two persons attend the meeting between $\mathbf{G}$ and I . Who attends the meeting immediately before $\mathbf{C}$ ?

1) $B$
2) E
3) A
4) $G$
5) H

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