# SBJ PO 2023 

## REASONING

## SEDra

EXAM से पहले इसे जरूर देखें। Lve 09:00 AM ©

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What's Inside $\begin{array}{lr}\text { Month Date Puzzle } & 5 \mathrm{Q} \\ \text { Year Puzzle- } & 5 \mathrm{Q} \\ \text { Product Purchase } & 3 \mathrm{Q} \\ \text { Miscallaneous } & 2 \mathrm{Q} \\ \text { Data Suficiency } & 5 \mathrm{Q} \\ \text { Box Puzzle } & 5 \mathrm{Q}\end{array}$

Eight persons attend marriage parties in the four different months i.e. January, July, September, and November (in the same year), and on two different dates $16^{\text {th }}$ and 23 rd of each month. Only one person attends the party on one date of each month. D attends the party on the 16th of the month which has 30 days. More than three persons attend the party between $\mathbf{D}$ and H . The number of persons attending the party between $\mathbf{G}$ and $\mathbf{D}$ is the same as the number of persons attending the party between I and E. J attends the party before K but not in the month which has an odd number of days. F and $\mathbf{G}$ attend parties on the same date, but F attends before G. Two persons attend the party between D and I. G attends the party before E. आठ व्यक्ति चार अलग-अलग महीनों यानी जनवरी, जुलाई, सितंबर और नवंबर (एक ही वरष में) में और प्रत्येक महीने की दो अलग-अलग तारीखों 16 और 23 तारीख को विवाह पार्टियों में शामिल होते हैं। प्रत्येक माह की एक तारीख को केवल एक व्यक्ति पार्टी में शामिल होता है। $D$ उस महीने की 16 तारीख को पार्टी में शामिल होता है जिसमें 30 दिन होते हैं। D और H के बीच तीन से अधिक व्यक्ति पार्टी में भाग लेते हैं। G और D के बीच पार्टी में भाग लेने वाले व्यक्तियों की संख्या I और E के बीच पार्टी में भाग लेने वाले व्यक्तियों की संख्या के समान है। $\mathrm{J}, \mathrm{K}$ से पहले पार्टी में भाग लेता है लेकिन महीने में नहीं जिसमें दिनों की संख्या विषम है। F और G एक ही तारीख को पार्टियों में भाग लेते हैं, लेकिन $\mathrm{F}, \mathrm{G}$ से पहले भाग लेता है। $D$ और $I$ के बीच दो व्यक्ति पार्टी में भाग लेते हैं। $G, E$ से पहले पार्टी में भाग लेता है।

Eight persons attend marriage parties in the four different months i.e. January, July, September, and November (in the same year), and on two different dates $16^{\text {th }}$ and 23 rd of each month. Only one person attends the party on one date of each month. D attends the party on the 16th of the month which has 30 days. More than three persons attend the party between $\mathbf{D}$ and H . The number of persons attending the party between $\mathbf{G}$ and $\mathbf{D}$ is the same as the number of persons attending the party between I and E. J attends the party before K but not in the month which has an odd number of days. F and $\mathbf{G}$ attend parties on the same date, but F attends before G. Two persons attend the party between D and I. G attends the party before E. Who among the following goes to the party on 23rd September?

1. K
2. J
3. G
4. F
5. None of these

Eight persons attend marriage parties in the four different months i.e. January, July, September, and November (in the same year), and on two different dates $16^{\text {th }}$ and 23 rd of each month. Only one person attends the party on one date of each month. Dattends the party on the 16th of the month which has 30 days. More than three persons attend the party between $\mathbf{D}$ and H . The number of persons attending the party between $\mathbf{G}$ and $\mathbf{D}$ is the same as the number of persons attending the party between I and E. J attends the party before K but not in the month which has an odd number of days. F and $\mathbf{G}$ attend parties on the same date, but F attends before G. Two persons attend the party between D and I. G attends the party before E. How many persons go between J and F?

1. One
2. Three
3. More than three
4. Two
5. None of these

Eight persons attend marriage parties in the four different months i.e. January, July, September, and November (in the same year), and on two different dates $16^{\text {th }}$ and 23 rd of each month. Only one person attends the party on one date of each month. Dattends the party on the 16th of the month which has 30 days. More than three persons attend the party between $\mathbf{D}$ and H . The number of persons attending the party between $\mathbf{G}$ and $\mathbf{D}$ is the same as the number of persons attending the party between I and E. J attends the party before K but not in the month which has an odd number of days. F and $\mathbf{G}$ attend parties on the same date, but F attends before G. Two persons attend the party between D and I. G attends the party before E. Four of the following five are alike in a certain way so form a group, which of the following does not belong to that group?

1. H
2. I
3. K
4. D
5. E

Eight persons attend marriage parties in the four different months i.e. January, July, September, and November (in the same year), and on two different dates $16^{\text {th }}$ and 23 rd of each month. Only one person attends the party on one date of each month. Dattends the party on the 16th of the month which has 30 days. More than three persons attend the party between $\mathbf{D}$ and H . The number of persons attending the party between $\mathbf{G}$ and $\mathbf{D}$ is the same as the number of persons attending the party between I and E. J attends the party before K but not in the month which has an odd number of days. F and $\mathbf{G}$ attend parties on the same date, but F attends before G. Two persons attend the party between D and I. G attends the party before E. Who among the following goes immediate before I?

1. F
2. H
3. K
4. E
5. None of these

Eight persons attend marriage parties in the four different months i.e. January, July, September, and November (in the same year), and on two different dates $16^{\text {th }}$ and 23 rd of each month. Only one person attends the party on one date of each month. D attends the party on the 16th of the month which has 30 days. More than three persons attend the party between $\mathbf{D}$ and H . The number of persons attending the party between $\mathbf{G}$ and $\mathbf{D}$ is the same as the number of persons attending the party between I and E. J attends the party before K but not in the month which has an odd number of days. F and $\mathbf{G}$ attend parties on the same date, but F attends before G. Two persons attend the party between D and I. G attends the party before E. Which of the following information is true about E?

1. July $23^{\text {rd }}$
2. January $16^{\text {th }}$
3. November23 ${ }^{\text {rd }}$
4. September $6^{\text {th }}$

05 . None of these

Seven persons: A, B, C, D, E, F, and G purchased some items one after another i.e., eraser, pen, TV, printer, mouse, mug, and phone but not necessary in the same order. A purchased a mouse and there is a gap of 2 persons between $A$ and $E$. E didn't come first or at last. As many persons came after A are the same as the number of persons who came before F who purchased the pen. C purchased an eraser immediately before $\mathbf{A}$. There is a gap of 4 persons between E and G who purchased a printer. D purchased a phone immediately before E who purchased a TV. The mug is purchased by B.
सात व्यक्ति: A, B, C, D, E, F और G ने कुछ चीजें, इरेज़र, पेन, टीवी, प्रिंटर, माउस, मग और फोन खरीदा लेकिन इसी क्रम में यह आवश्यक नहीं है। $\mathbf{A}$ ने एक माउस खरीदा और A और E के बीच 2 व्यक्तियों का अंतर है। E पहले या अंत में नहीं है। A के बाद आने वाले व्यक्ति और F जिसने पेन ख़रीदा था उसके पहले आने वाले व्यक्तियों की संख्या समान है। $\mathrm{C}, \mathrm{A}$ से ठीक पहले इरेज़र खरीदता है। E और G जिसने प्रिंटर ख़रीदा है के बीच 4 ठ्यक्तियों का अंतर है। D ने E जिसने TV खरीदा है से ठीक पहले फोन खरीदा है। B ने मग खरीदा है।

Seven persons: A, B, C, D, E, F, and G purchased some items one after another i.e., eraser, pen, TV, printer, mouse, mug, and phone but not necessary in the same order. A purchased a mouse and there is a gap of 2 persons between $A$ and $E$. $E$ didn't come first or at last. As many persons came after A are the same as the number of persons who came before F who purchased the pen. C purchased an eraser immediately before $\mathbf{A}$. There is a gap of 4 persons between $E$ and $G$ who purchased a printer. D purchased a phone immediately before E who purchased a TV. The mug is purchased by B. Who purchased the pen?
a) B
b) C
c) D
d) E
e) F

Seven persons: A, B, C, D, E, F, and G purchased some items one after another i.e., eraser, pen, TV, printer, mouse, mug, and phone but not necessary in the same order. A purchased a mouse and there is a gap of 2 persons between $A$ and $E$. $E$ didn't come first or at last. As many persons came after A are the same as the number of persons who came before $F$ who purchased the pen. C purchased an eraser immediately before $\mathbf{A}$. There is a gap of 4 persons between E and $G$ who purchased a printer. D purchased a phone immediately before E who purchased a TV. The mug is purchased by B.
There is a gap of how many persons between $F$ and G?
a) 4
b) 1
c) 3
d) 2
e) 5

Seven persons: A, B, C, D, E, F, and G purchased some items one after another i.e., eraser, pen, TV, printer, mouse, mug, and phone but not necessary in the same order. A purchased a mouse and there is a gap of 2 persons between $A$ and $E$. $E$ didn't come first or at last. As many persons came after A are the same as the number of persons who came before F who purchased the pen. C purchased an eraser immediately before $\mathbf{A}$. There is a gap of 4 persons between E and $G$ who purchased a printer. D purchased a phone immediately before E who purchased a TV. The mug is purchased by B.
Which item has been purchased just before mug?
a) Printer
b) Mouse
c) Phone
d) TV
e) Eraser

8 persons- $\mathbf{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the age calculations are done assuming the present year as 2018. S was born in an odd number year. The difference between the present age of S and V is 5. Only 3 people were born between $\mathbf{V}$ and $T$. The present age of W is twice the present age of Q . The number of people born between T and Q is the same as the number of people born between T and P. R was born in one of the years before $P$. 8 व्यक्ति- $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ और W का जन्म अलग-अलग वर्षों में हुआ था। $1945,1956,1961,1973,1978,1989,1996$ और 2007 लेकिन जँरूरी नहीं कि इसी क्रम में हों। ऐसा माना जाता है कि उन सभी का जन्म अलग-अलग वरषों की एक ही तारीख को हुआ था। सभी आयु की गणना वर्तमान वर्ष को 2018 मानकर की गई है। $S$ का जन्म विषम संख्या वाले वर्ष में हाआ था। $S$ और V की वर्तमान आयु के बीच का अंतर 5 है। V और T के बीच केवल 3 लोगों का जन्म हुआ थाі $\mathbf{W}$ की वर्तमान आय Q की वर्तमान आय से दोगुनी है। T और Q के बीच जन्म लेने वाले लोगों की संख्या समान है T और P के बीच जन्म लेने वाले व्यक्तियों की संख्या। $R$ का जन्म $P$ से पहले किसी एक वरष में हुआ था।

8 persons- $\mathbf{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the age calculations are done assuming the present year as 2018. S was born in an odd number year. The difference between the present age of S and V is 5 . Only 3 people were born between V and T . The present age of W is twice the present age of Q . The number of people born between T and $Q$ is the same as the number of people born between $T$ and $P$. R was born in one of the years before $P$. What will be the age of S after 4 years?
a. 50 years
b. 61 years
c. 78 years
d. 16 years
c. 34 years

8 persons- $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the age calculations are done assuming the present year as 2018. S was born in an odd number year. The difference between the present age of $S$ and $V$ is 5 . Only 3 people were born between V and T . The present age of W is twice the present age of Q . The number of people born between T and $Q$ is the same as the number of people born between $T$ and P . R was born in one of the years before P . Who was born before W but after U?
a. R
b. V
c. S
d. P
e. T

8 persons- $\mathbf{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the age calculations are done assuming the present year as 2018. S was born in an odd number year. The difference between the present age of $S$ and $V$ is 5 . Only 3 people were born between V and T . The present age of W is twice the present age of Q . The number of people born between T and $Q$ is the same as the number of people born between $T$ and P. R was born in one of the years before $P$.

What is the difference between the ages of S and R ?
a. 16 years
b. 11 years
c. 17 years
d. 5 years
c. 12 years

8 persons- $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the age calculations are done assuming the present year as 2018. S was born in an odd number year. The difference between the present age of $S$ and $V$ is 5 . Only 3 people were born between V and T . The present age of W is twice the present age of Q . The number of people born between T and $Q$ is the same as the number of people born between $T$ and P. R was born in one of the years before $P$.

What is the age of U ?
a. 57 Years
b. 22 Years
c. 40 Years
d. 45 Years
e. 73 Years

8 persons- $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$ and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the age calculations are done assuming the present year as 2018. S was born in an odd number year. The difference between the present age of S and V is 5 . Only 3 people were born between V and T . The present age of W is twice the present age of Q . The number of people born between T and $Q$ is the same as the number of people born between $T$ and P . R was born in one of the years before P . In which year was $R$ born?
a. 1961
b. 1973
c. 1978
d. 1996
e. 1945

If it is possible to make a meaningful word from the first, fourth, sixth and the ninth letters of the word UNDERNEATH, then what will be the first letter of that word? Mark X if no such word can be formed, mark M if more than one such word can be formed. यदि UNDERNEATH शब्द के पहले, चौथे, छठे और नौवें अक्षर से एक सार्थक शब्द बनाना संभव है, तो उस शब्द का पहला अक्षर क्या होगा? यदि ऐसा कोई शब्द नहीं बन सकता है तो X चिह्तित करें, यदि ऐसे एक से अधिक शब्द बन सकते हैं तो $M$ चिह्नित करें।
a. T
b. U
c. M
d. X
e. N

How many such pairs of letters are there in the word TRANSPORT which has as many letters between them in the word as in the English alphabetical series in both forward and backward direction?
TRANSPORT शब्द में अक्षरों के ऐसे कितने जोडे हैं जिनके बीच आगे और पीछे दोनों दिशाओं में उतने ही अक्षर हैं जितने शब्द में अंग्रेजी वर्णमाला श्रृंखला में होते हैं?
a. Four
b. One
c. Three
d. Two
e. More than four

Six persons A, B, C, D, E and F are sitting in a circle. Some of them are facing the centre and some of them are facing away from the centre. How many of them are facing the centre?
I. F is 2 nd to the left of D. C is 2 nd to the left of $\mathrm{F} . \mathrm{C}$ is to the immediate left of $B$. $E$ is 2 nd to the left of $B$ and $B$ is facing away from the centre.
II. B is 2 nd to the right of $\mathbf{A} . \mathrm{E}$ is 2 nd to the left of $\mathrm{B} . \mathrm{C}^{\prime}$ 's neighbours are facing opposite directions to each other. $B$ is not a neighbour of F and F is 2 nd to the right of C .
a. The data in statement I alone are sufficient.
b. The data in statement II alone are sufficient .
c. The data either in statement I alone or in statement II alone are sufficient.
d. The data in both the statements I and II together are not sufficient.
e. The data in both the statements I and II together are sufficient.

Six persons A, B, C, D, E and F were born in a different month starting from March to August of the same year, not necessarily in the same order. How many persons were born between D and C?
I. A was born in a month which has 30 days. Two persons were born between A and D. One person was born between D and E.
II. One person was born between E and C . The number of people born before $C$ is the same as after $F$.
a. The data in statement I alone are sufficient.
b. The data in statement II alone are sufficient .
c. The data either in statement I alone or in statement II alone are sufficient.
d. The data in both the statements I and II together are not sufficient.
e. The data in both the statements I and II together are sufficient.

Six persons Abhay, Deepak, Neha, Manik, Poorvi and Hitesh are sitting in a straight line facing north. Who are sitting at the extreme ends?
I. Poorvi is sitting fourth to the right of Deepak. Abhay is sitting third to the left of Neha. Either Abhay or Neha is sitting at an extreme end.
II. Only one person sits between Poorvi and Abhay. Poorvi is third to the right of Manik. Neha is sitting to the immediate right of Poorvi. Neither Abhay nor Poorvi is sitting on the extreme end.
a. The data in statement I alone are sufficient.
b. The data in statement II alone are sufficient .
c. The data either in statement I alone or in statement II alone are sufficient.
d. The data in both the statements I and II together are not sufficient.
e. The data in both the statements I and II together are sufficient.

Five persons A, B, C, D and E are of different weights. Who is the heaviest?
I. $\quad \mathrm{B}$ is heavier than C and D but lighter than E who is not the heaviest.
II. E is heavier than B and C but lighter than A .
a. The data in statement I alone are sufficient.
b. The data in statement II alone are sufficient .
c. The data either in statement I alone or in statement II alone are sufficient.
d. The data in both the statements I and II together are not sufficient.
e. The data in both the statements I and II together are sufficient.

What is the direction of point M with respect to point T?
I. Point N is 6 m to the west of point M. Point O is 3 m to the west of point $P$. Point N is 5 m to the north of point O. Point $T$ is 11 m to the east of point S .
II. Point $P$ is 4 m to the north of point Q . Point S is 2 m to the north of point $R$. Point $R$ is 8 m to the west of point Q.
a. The data in statement I alone are sufficient.
b. The data in statement II alone are sufficient .
c. The data either in statement I alone or in statement II alone are sufficient.
d. The data in both the statements I and II together are not sufficient.
e. The data in both the statements I and II together are sufficient.

There are 9 boxes kept one above the other. There are 5 boxes between box $\mathbf{P}$ and box R. Box $T$ is kept immediately above R. 3 boxes are kept between box $T$ and box $S$. Number of boxes between $P$ and $S$ is same as the number of boxes between $T$ and Q . Box U is kept below box Q . Box $\mathbf{W}$ is kept somewhere below X . There is only one box kept between U and V . U is above V .
वहाँ 9 बक्से एक के ऊपर एक रखे हुए हैं। बॉक्स $P$ और बॉक्स $R$ के बीच 5 बॉक्स हैं। बॉक्स T को R के ठीक ऊपर रखा गया है। बॉक्स T और बॉक्स S के बीच 3 बॉक्स रखे गए हैं। P और S के बीच बॉक्स की संख्रया T और Q के बीच बॉक्स की संख्या के समान है। बॉक्स U को बॉक्स Q के नीचे रखा गया है। बॉक्स W को X के कहीं नीचे रखा गया है। U और V के बीच केवल एक बॉक्स रखा गया है। $\mathrm{U}, \mathrm{V}$ के ऊपर रखा गया है।

There are 9 boxes kept one above the other. There are 5 boxes between box $\mathbf{P}$ and box R . Box T is kept immediately above R. 3 boxes are kept between box $T$ and box $S$. Number of boxes between $P$ and $S$ is same as the number of boxes between T and Q. Box U is kept below box Q. Box W is kept somewhere below X . There is only one box kept between U and V . U is above V .
Which of the following statements is not true?
I. There are two boxes between T and Q .
II. S is kept below W.
III. U is kept immediately above P .
a. Only I
b. Only II
c. Only III
d. Both II and III
e. All I, II and III

There are 9 boxes kept one above the other. There are 5 boxes between box $P$ and box $R$. Box $T$ is kept immediately above R. 3 boxes are kept between box $T$ and box $S$. Number of boxes between $P$ and $S$ is same as the number of boxes between T and Q. Box U is kept below box Q. Box W is kept somewhere below X . There is only one box kept between U and V . U is above V .
To which of the following is U related in the same manner?
a. W
b. R
c. S
d. T
e. X

There are 9 boxes kept one above the other. There are 5 boxes between box $P$ and box $R$. Box $T$ is kept immediately above R. 3 boxes are kept between box $T$ and box $S$. Number of boxes between $P$ and $S$ is same as the number of boxes between T and Q. Box U is kept below box Q . Box $\mathbf{W}$ is kept somewhere below X . There is only one box kept between U and V . U is above V .
How many boxes are kept between X and P ?
a. Five
b. Two
c. Three
d. Four
e. None

There are 9 boxes kept one above the other. There are 5 boxes between box $\mathbf{P}$ and box R . Box T is kept immediately above R. 3 boxes are kept between box $T$ and box $S$. Number of boxes between $P$ and $S$ is same as the number of boxes between $T$ and Q . Box U is kept below box Q . Box W is kept somewhere below X . There is only one box kept between U and V . U is above V .
Which of the following pair of box is kept immediately above and below box Q respectively?
a. XS
b. SX
c. RW
d. WR
c. None of these

There are 9 boxes kept one above the other. There are 5 boxes between box $P$ and box $R$. Box $T$ is kept immediately above R. 3 boxes are kept between box $T$ and box $S$. Number of boxes between $P$ and $S$ is same as the number of boxes between T and Q. Box U is kept below box Q. Box W is kept somewhere below X . There is only one box kept between U and V . U is above V .
What is the position of box $\mathbf{W}$ in the given arrangement?
a. Between P and V
b. Fourth from the top.
c. Sixth form the bottom.
d. Fourth from the bottom.
c. Between R and Q .


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