834   427   563   649   975

**What is addition of 3rd digit of highest number and 2nd digit of lowest number?** सबसे बड़ी संख्या के तीसरे अंक और सबसे छोटी संख्या के दूसरे अंक का योग क्या है?

(a) 7 (b) 6 (c) 4 (d) 3 (e) None of these

$8 \div 4 = 2$

**If 1st digit of 2nd highest number is divided by 1st digit of lowest number, then what will be the resultant?** यदि दूसरी सबसे बड़ी संख्या के पहले अंक को सबसे छोटी संख्या के पहले अंक से विभाजित किया जाता है, तो परिणाम क्या होगा?

(a) 5 (b) 3 (c) 2 (d) 4 (e) None of these

5 8 2 7 9 3 6 ⇒ 3 7 1 5 7 1 5     even −1    odd −2

**If 1 is subtracted from each even number and 2 is subtracted to each odd number in the number 5827936, then how many digits will appear twice in the new number thus formed?** यदि संख्या 5827936 में प्रत्येक सम संख्या में से 1 घटाया जाता है और प्रत्येक विषम संख्या में 2 घटाया जाता है, तो इस प्रकार बनी नई संख्या में कितने अंक दो बार आएंगे?

(a) Only 7 (b) Only 5 and 7 (c) 1, 5 and 7 (d) 4, 5 and 9 (e) None of these

How many letter will be remain at the same position in the word 'SURFACE' when they are arranged in the alphabetical order from left to right?

शब्द 'SURFACE' में कितने अक्षर समान स्थान पर रहेंगे जब उन्हें वर्णानुक्रम में बाएं से दाएं व्यवस्थित किया जाएगा?

(a) four (b) Three (c) One (d) Two (e) None of these

S U R F A C E
A C E F R S U

30

There are five person i.e. P, Q, R, S and T. If Q is taller than R and S but smaller than T. S is smaller than T, who is not the tallest. Then who is the tallest person among all?

पांच व्यक्ति हैं अर्थात P, Q, R, S और T। यदि Q, R और S से लंबा है लेकिन T से छोटा है। S, T से छोटा है, जो सबसे लंबा नहीं है। तो सभी में सबसे लंबा व्यक्ति कौन है?

(a) T (b) Q (c) S (d) P (e)None of these

$$P > T > Q > R, S$$

How many pairs of letters are there in the word "SENATOR" which have as many letters between them in the word as in alphabetical series?

शब्द "SENATOR" में अक्षरों के ऐसे कितने जोड़े हैं जिनके बीच उतने ही अक्षर हैं जितने कि शब्द में वर्णानुक्रम में हैं?
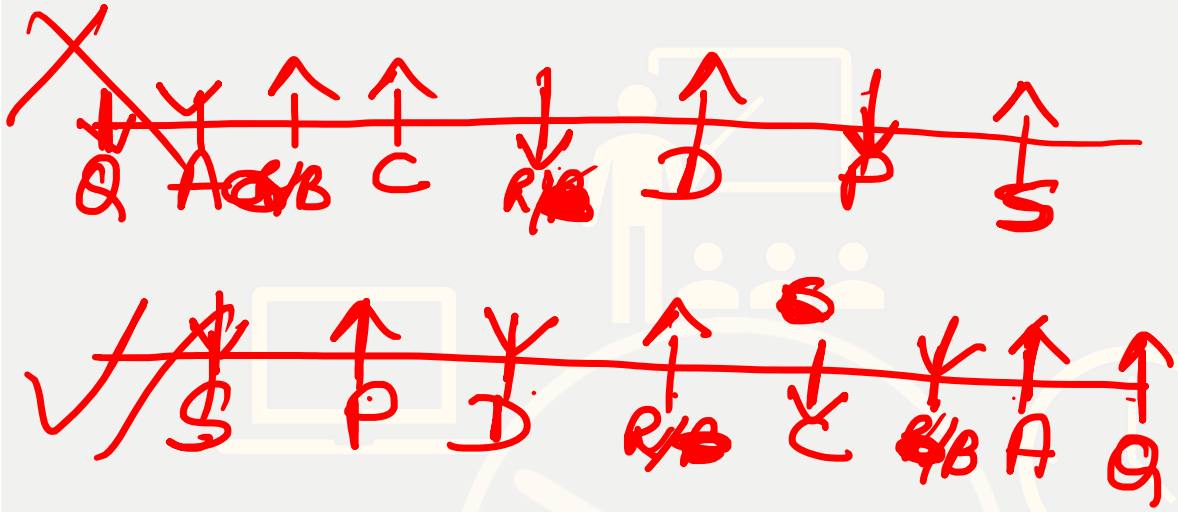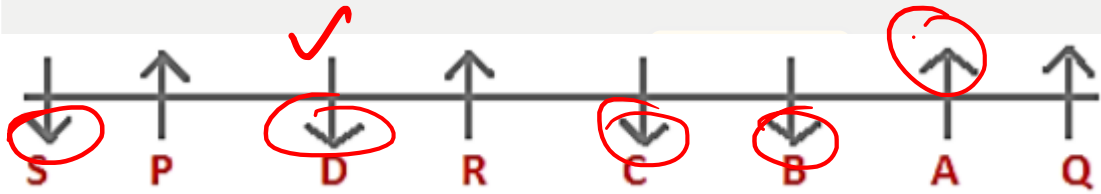
(a) None (b) One (c) Two (d) Three (e) Four

आठ मित्र A, B, C, D, P, Q, R और S एक सीधी रेखा में बैठे हैं (लेकिन जरूरी नहीं कि इसी क्रम में हों)। उनमें से कुछ का मुख दक्षिण की ओर है जबकि कुछ का मुख उत्तर की ओर है। दक्षिण और इसके विपरीत)। Q पंक्ति के किसी एक अंतिम छोर पर बैठा है। C, Q के बायें से तीसरे स्थान पर बैठा है। B, Q का निकटतम पड़ोसी नहीं है। P, C के दायें से तीसरे स्थान पर बैठा है। A का मुख उत्तर की ओर है। D, P के ठीक दायें बैठा है। D पंक्ति के किसी भी अंतिम छोर पर नहीं बैठा है। R और B के बीच में केवल एक व्यक्ति बैठा है। P, R के बाएं से दूसरे स्थान पर बैठा है। S, D के दायें से दूसरे स्थान पर बैठा है। P के दोनों निकटतम पड़ोसी एक-दूसरे के समान दिशा की ओर उन्मुख हैं। C के दोनों निकटतम पड़ोसी एक दूसरे के विपरीत दिशा की ओर उन्मुख हैं. S का मुख D के समान दिशा की ओर है और A का मुख R के समान दिशा की ओर है

Eight friends A, B, C, D, P, Q, R and S are sitting in a straight line (but not necessarily in the same order). Some of them are facing south while some are facing north.(Note: Facing the same direction means. If one is facing north then the other also faces north and vice versa. Facing opposite directions means. If one is facing North then the other faces south and Vice versa). Q sits at one of the extreme ends of the line. C sits third to the left of Q. B, is not an immediate neighbour of Q. P, sits third to the right of C. A faces north. D sits to the immediate right of P. D does not sits at any of the extreme end of the line. Only one person sits between R and B. P sits second to the left of R. S sits second to the right of D. Both the immediate neighbour of P faces the same direction to each other. Both the immediate neighbour of C faces the opposite direction to each other. S faces the same direction as D and A faces the same direction as R

Eight friends A, B, C, D, P, Q, R and S are sitting in a straight line (but not necessarily in the same order). Some of them are facing south while some are facing north.(Note: Facing the same direction means. If one is facing north then the other also faces north and vice versa. Facing opposite directions means. If one is facing North then the other faces south and Vice versa). Q sits at one of the extreme ends of the line. C sits third to the left of Q. B, is not an immediate neighbour of Q. P, sits third to the right of C. A faces north. D sits to the immediate right of P. D does not sits at any of the extreme end of the line. Only one person sits between R and B. P sits second to the left of R. S sits second to the right of D. Both the immediate neighbour of P faces the same direction to each other. Both the immediate neighbour of C faces the opposite direction to each other. S faces the same direction as D and A faces the same direction as R

S    P    D    R    C    B    A    Q

C A B B A

**How many persons sits between D and A?**
(a) One (b) None (c) Three (d) Two (e) None of these

**Who among the following pair sits at extreme ends ?**
(a) S, Q (b) D, Q (c) Q, R (d) S, R (e) None of these

**Who sits third to the left of D?**
(a) R (b) B (c) Q (d) C (e) None of these

**Who sits immediate right of B?**
(a) A (b) C (c) R (d) S (e) None of these

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**Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to that group?**
(a) A (b) C (c) S (d) B (e) D

P ≥ K < C

Z < O > P ≥ K < N;  K ≤ L < M ≤ C;  B ≥ Q < O

Conclusions:

I. B > P

II. C ≥ P

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 follows.

$A \leq O \leq V$

K > O ≥ L ≥ A ≤ C;  N ≥ O ≤ W ≤ V;  X> Y < A

Conclusions:

I). V > A

II). V = A

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 follows.

30

Only Gift is Doll

Some Teddy is Gift

Only a few Game is Teddy

**Conclusions:**

I) Some Teddy can be Doll

II. Some Game are not Teddy

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.
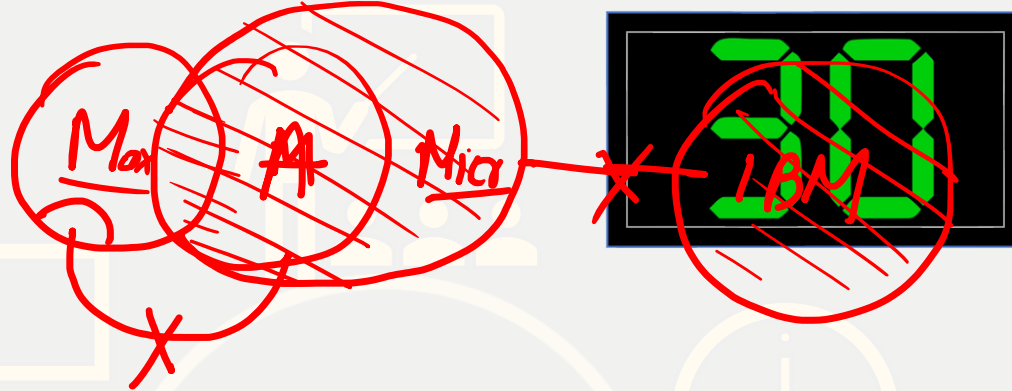
E. If both conclusions I and II follow.

Only a few Micromax is Apple

All Apple is Microsoft

No Microsoft is IBM

**Conclusion**

I. Some Micro max is not IBM

II. Some Apple is IBM

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.

How many such pairs of digits are there in the numbers "831246759" each of which has as many digits between them in the numbers as in the numerical order (both backward and forward direction)?

संख्या "831246759" में अंकों के ऐसे कितने जोड़े हैं, जिनमें से प्रत्येक के बीच संख्याओं में उतने ही अंक हैं जितने कि संख्यात्मक क्रम में (पिछड़े और आगे दोनों दिशाओं में)?
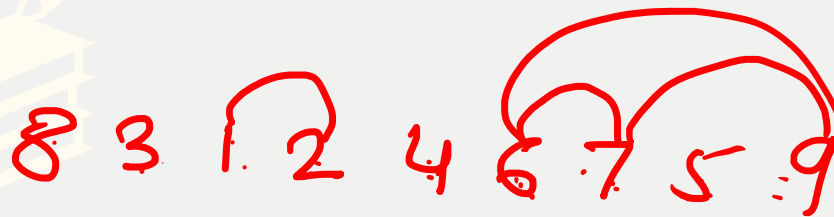
A. One          B. Two          C. Three          D. None          E. More than three

आठ व्यक्ति P, Q, R, S, T, U, V और W इमारत की आठ अलग-अलग मंजिलों पर रहते हैं लेकिन जरूरी नहीं कि इसी क्रम में हों। प्रत्येक व्यक्ति एक इमारत में रहता है जिसकी मंजिल नीचे से ऊपर तक 1 से 8 तक है। U चौथी मंजिल के ऊपर एक विषम संख्या वाली मंजिल पर रहता है। U और W के बीच केवल तीन लोग रहते हैं। W के ऊपर रहने वाले लोगों की संख्या P के नीचे रहने वाले लोगों की संख्या के समान है। P और R के बीच तीन लोग रहते हैं। V, Q के ठीक ऊपर एक विषम संख्या वाली मंजिल पर रहता है। केवल दो लोग रहते हैं V और S के बीच में। T सबसे निचली मंजिल पर रहता है।

Eight people P, Q, R, S, T, U, V, and W live on eight different floors of the building but not necessarily in the same order. Each person lives in a building with floors numbered as 1 to 8 from bottom to top. U lives on an odd-numbered floor above the fourth floor. Only three people live between U and W. Number of people live above W is same as the number of people live below P. Three people live between P and R. V lives on an odd-numbered floor immediately above Q. Only two people live between V and S. T lives on the lowermost floor.

| Floor | | |
|---|---|---|
| 8 | S | P |
| 7 | U | V |
| 6 | P | S |
| 5 | V | U |
| 4 | Q | R |
| 3 | W | V |
| 2 | R | Q |
| 1 | T | W |

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DAEAB

| Floors | Persons |
|--------|---------|
| 8 | S |
| 7 | U |
| 6 | P |
| 5 | V |
| 4 | Q |
| 3 | W |
| 2 | R |
| 1 | T |

**Who lives immediately below U?**
A. R B. U C. Q D. P E. W

**Q lives on the _____ floor.**
A. 4 th B. 6 th C. 2 nd D. 1 st E. None of the above

**.Who lives on the 3 rd floor?**
A. P B. Q C. R D. T E. W

**Who lives on the topmost floor?**
A. S B. P C. R D. Q E. T

**How many people live between U and W?**
A. 2 B. 3 C. 4 D. 6 E. 5

30

एक ही वर्ष के पांच अलग-अलग महीनों यानी जनवरी, मार्च, जून, सितंबर और अक्टूबर में दस लोगों का जन्म हुआ, एक महीने में दो लोगों का जन्म हुआ। नोट: एक ही महीने में पैदा हुए व्यक्ति "टाइम ट्विन्स" होते हैं यानी वे एक ही दिन, एक ही महीने में एक ही समय में पैदा हुए थे। W का जन्म S के ठीक पहले और V के ठीक बाद में हुआ था। U और P का जन्म 31 दिनों वाले एक ही महीने में हुआ था। S का जन्म 30 दिनों वाले महीने में हुआ था। R, X से ठीक बड़ा है और Q से ठीक छोटा है। X न तो सबसे छोटा है और न ही समूह में सबसे बड़ा व्यक्ति है। Y, T से बड़ा है जो S के समान महीने में पैदा नहीं हुआ था।

Ten people are born in five different months i.e. January, March, June, September, and October of the same year, two people were born in one month. Note: Persons born in the same month are "time twins" i.e. they were born at the same time on the same day, in the same month. W was born just before S and just after V. U and P were born in the same month having 31 days. S was born in a month having 30 days. R is just elder than X and just younger than Q. X is neither the youngest nor the eldest person in the group. Y is elder than T who was not born in the same month as S.

| | | |
|---|---|---|
| Jan ✓ | V Y | U P |
| March ✓ | W Q | V Y |
| June | S R | W Q |
| Sep | T X | S R |
| Oct ✓ | U P | T X |

V
W
S

Q
R
X

U P

S (30 day)

T S
X

Y
↑
↑ T

Ten people are born in five different months i.e. January, March, June, September, and October of the same year, two people were born in one month. Note: Persons born in the same month are "time twins" i.e. they were born at the same time on the same day, in the same month. W was born just before S and just after V. U and P were born in the same month having 31 days. S was born in a month having 30 days. R is just elder than X and just younger than Q. X is neither the youngest nor the eldest person in the group. Y is elder than T who was not born in the same month as S.

| Months | Persons |
|--------|---------|
| January | V, Y |
| March | W, Q |
| June | S, R |
| September | T, X |
| October | U, P |

E C B B G

**T was born before _____ but after _____.**
A. Y, R   B. Y, S   C. V, Q   D. U, P   E. None of the above

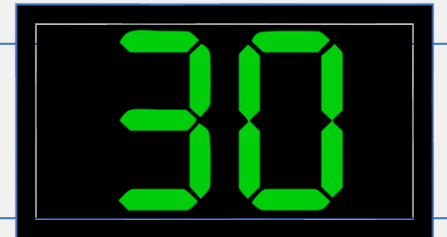**S was born in _____.**
A. January B. March C. June D. October E. None of the above

**.Who among the following was born in January?**
A. W    B. V     C. X     D. U     E. None of the above

**How many people are younger than R?**
A. 3 B. 4 C. 2 D. 6 E. None of the above
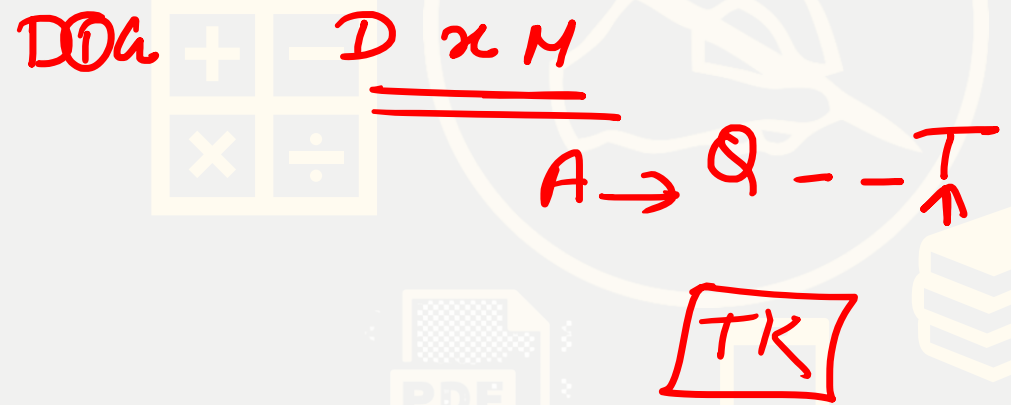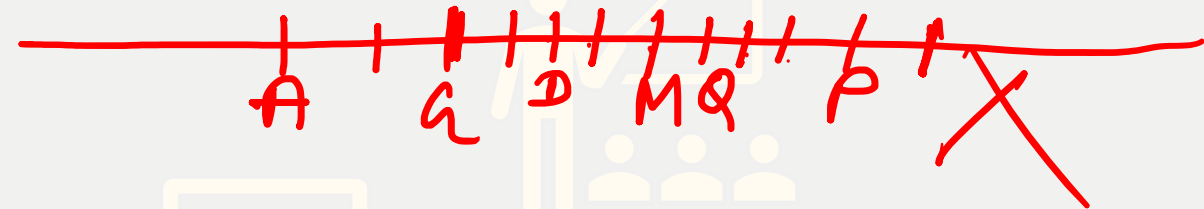
**30**

**P was born in the month of _____.**
A. January B. March C. October D. June E. September

एक निश्चित संख्या में व्यक्ति उत्तर की ओर मुख करके एक पंक्ति में बैठे हैं। M, G के दायें से चौथे स्थान पर बैठा है। D और G के बीच एक व्यक्ति बैठा है। M और P के बीच तीन व्यक्ति बैठे हैं। D और M के बीच बैठे व्यक्तियों की संख्या P के दाईं ओर बैठे व्यक्तियों की संख्या के समान है। A और G के बीच एक व्यक्ति बैठता है। Q, T के बाएं से तीसरे स्थान पर बैठता है और A के दाईं ओर बैठता है। A और Q के बीच छह व्यक्ति बैठते हैं। T और K दोनों एक दूसरे के निकटतम पड़ोसी हैं। S, K के बायें से तीसरे स्थान पर बैठा है। K के दायीं ओर बैठे व्यक्तियों की संख्या, D के बायें बैठे व्यक्तियों की संख्या के समान है।

A certain number of persons are sitting in a row facing to the north. M sits 4th to the right G. There is one person sits between D and G. Three persons sit between M and P. The number of persons sitting between D and M is same as the number of persons sitting to the right of P. Only one person sits between A and G. Q sits 3rd to the left of T and sits to the right of A. Six persons sit between A and Q. Both T and K are immediate neighbors to each other. S sits 3rd to the left of K. The number of persons sitting to the right of K is same as the number of persons sitting to the left of D.

A certain number of persons are sitting in a row facing to the north. M sits 4th to the right G. There is one person sits between D and G. Three persons sit between M and P. The number of persons sitting between D and M is same as the number of persons sitting to the right of P. Only one person sits between A and G. Q sits 3rd to the left of T and sits to the right of A. Six persons sit between A and Q. Both T and K are immediate neighbors to each other. S sits 3rd to the left of K. The number of persons sitting to the right of K is same as the number of persons sitting to the left of D.

A     a     D     M Q     P

D     a     A     M     P Q S     T K

DDa          D    x    M

A → Q — — T

T K

D    G    A    Z    M         P    Q    S    T    K

E B A C A

**30**

How many persons sit between Q and K?
(a) Four (b) Six (c) Seven (d) Nine (e) None of these

What is the total number of persons sitting in a row?
(a) Twenty (b) Sixteen (c) Fourteen (d) Nineteen (e) Can't be determined

What is the position of D with respect to M?
(a) 6th to the left (b) 3rd to the left (c) 4th to th e left (d) 5th to the left (e) None of these

If Z sit between A and M then find how many persons sit between G and Z? (a) None (b) One (c) Two (d) Three (e) None of these
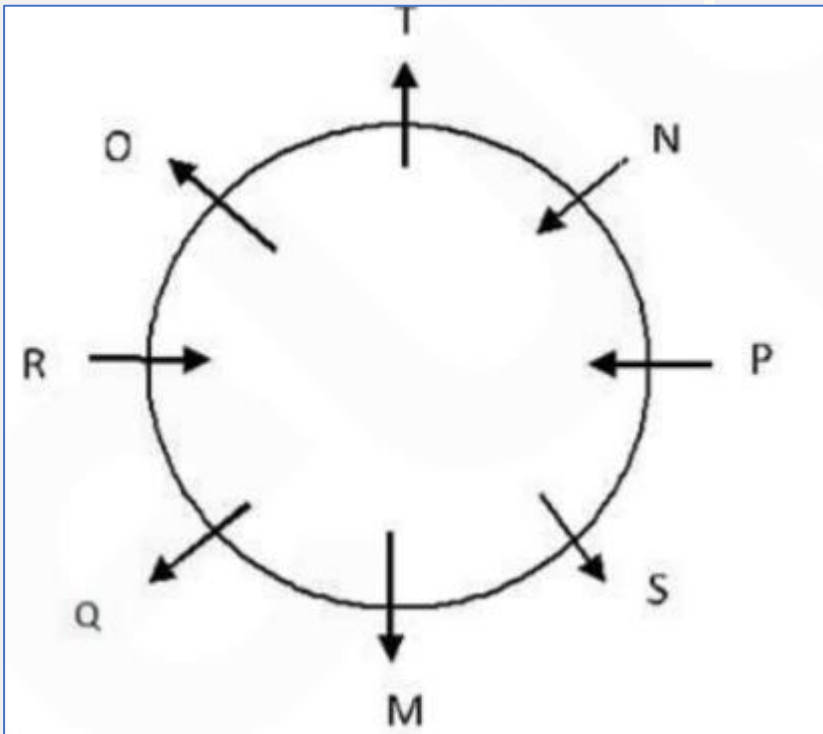
Who among the following sits 4th to the right of P?
(a) T (b) Q (c) S (d) K (e) None of these

आठ लड़कियां M, N, O, P, Q, R, S और T एक वृत्ताकार मेज पर बैठी हैं, जरूरी नहीं कि इसी क्रम में हों, कि उनमें से कुछ का मुख अंदर की ओर है और अन्य का मुख बाहरी दिशा की ओर है। N, R के बायें से तीसरे स्थान पर बैठा है, जिसका मुख अंदर की ओर है। M और N के बीच चार लड़कियां बैठी हैं। O, जो मेज के बाहर की ओर उन्मुख है, न तो M और न ही N का निकटतम पड़ोसी है। P का मुख उसी दिशा में है, जिस दिशा में उसके विपरीत बैठे व्यक्ति का मुख है। T, Q के बाएं से पांचवें स्थान पर बैठा है, जो N के आसन्न नहीं है। S और R का मुख समान दिशा की ओर नहीं है। P, N के ठीक बायें बैठा है। T और M का मुख समान दिशा में है लेकिन P के विपरीत है। S, R और M के ठीक बीच में नहीं बैठा है।

Eight girls M, N, O, P, Q, R, S and T are sitting on a circular table, not necessarily in the same order, such that some of them are facing an inward direction and others are facing an outward direction. N is sitting 3rd to the left of R, who is facing inside. Four girls are sitting between M and N. O, who is facing outside the table, is an immediate neighbour of neither M nor N. P faces the same direction as the person seated opposite to her is facing. T sits fifth to the left of Q, who is not adjacent to N. S and R is not facing the same direction. P sits to the immediate left of N. T and M face the same direction but opposite to P. S doesn't sit exactly between R and M.

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**Who sits sixth to the left of M?**
**A. O B. R C. N D. T E. None of the above**

**How many people face outside the table?**
**A. 5 B. 3 C. 2 D. 4 E. None of the above**

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Eight persons are in a family. There are three married couples in a family. P is grandson of B, who is father of M, who is brother in law of D, who has no siblings. M is not father of P. L is mother in law of K, who is mother of N. H is only daughter of B.एक परिवार में आठ व्यक्ति हैं। एक परिवार में तीन विवाहित जोड़े हैं। P, B का पोता है, जो M का पिता है, जो D का ब्रदर इन लॉ है, जिसका कोई भाई-बहन नहीं है। M, P का पिता नहीं है। L, K की सास है, जो N की माता है। H, B की इकलौती पुत्री है

If N is only daughter of M, then how N is related to H?
A.Nephew B.Niece C.Aunt D.Uncle E.None of these

How H is related to K?
A.Brother in law B.Sister in law C.Brother D.Sister E.None of these

How P is related to L?
A.Granddaughter B.Grandson C.Grandmother D.Grandfather E.None of these