REASONING

BY PUNEET SIR......
COMPLETE PAPER
In 2018, ten persons A, B, C, D, E, F, G, H, J and K have gone to home on either 11th or 26th of the following months i.e. January, February, March, August and September. Only one person has gone on one date.

G has gone home on odd date after March. There are three persons who have gone home between G and J. No person has gone between J and F. H and D has gone home in same month but in that month in which total number of days is even. K has gone just after A but K has not gone on 11 August. There are only two persons have gone between G and A. Not more than three persons has gone between H and K. E has gone after J and C but does not go after G.
In 2018, ten persons A, B, C, D, E, F, G, H, J and K have gone to home on either 11th or 26th of the following months i.e. January, February, March, August and September. Only one person has gone on one date. G has gone home on odd date after March. There are three persons who have gone home between G and J. No person has gone between J and F. H and D has gone home in same month but in that month in which total number of days is even. K has gone just after A but has not gone on 11 August. There are only two persons have gone between G and A. Not more than three persons has gone between H and K. E has gone after J and C but does not go after G.
Q6. Statements: कथन:
I. No mobile are books. कोई मोबाइल बुक्स नहीं है।
II. All books are copy. सभी बुक्स कॉपी हैं।
III. All copy are pencil. सभी कॉपी पेंसिल हैं।

Conclusions: निष्कर्ष:
I. No mobile are copy. कोई मोबाइल कॉपी नहीं है।
II. No mobile are pencil. कोई मोबाइल पेंसिल नहीं है।
Q7. Statements: कथन:
I. Some bike are auto. कुछ बाइक ऑटो हैं।
II. Some auto are cars. कुछ ऑटो कार हैं।
III. Some cars are trains. कुछ कार ट्रेन हैं।

Conclusions: निष्कर्ष:
I. Some auto are trains. कुछ ऑटो ट्रेन हैं।
II. Some cars are bike. कुछ कार बाइक हैं।
Q8. Statements: कथन:
I. Some cats are dogs. कुछ कैट डॉग हैं।
II. All dogs are rats. सभी डॉग रैट हैं।
III. Some Rats are fox. कुछ रैट फॉक्स हैं।

Conclusions: निष्कर्ष
I. Some cats are rat. कुछ कैट रैट हैं।
II. Some dogs are fox. कुछ डॉग फॉक्स हैं।
Q9. Statements: कथन:
I. No Mumbai are Goa. कोई मुंबई गोवा नहीं है।
II. No Goa are Meerut. कोई गोवा मेरठ नहीं है।
III. All Meerut are Pune. सभी मेरठ पुणे हैं।

Conclusions: निष्कर्ष
I. No Goa are Mumbai. कोई गोवा मुंबई नहीं है।
II. Some Mumbai are not Meerut. कुछ मुंबई मेरठ नहीं हैं।
Q10. Statements: कथन:
I. Some Lucknow are UP. कुछ लखनऊ यूपी हैं।
II. All MP are Lucknow. सभी एमपी लखनऊ हैं।
III. All Delhi are MP. सभी दिल्ली एमपी हैं।

Conclusions: निष्कर्ष:
I. Some UP are Lucknow. कुछ यूपी लखनऊ हैं।
II. All Delhi are Lucknow. सभी दिल्ली लखनऊ हैं।
Eight persons i.e A, S, D, G, H, J, K and L are seated around a circular table. Some are facing towards centre and some are facing towards opposite to the centre.

K sits immediate right of D. There are three persons sit between D and H. H faces opposite direction as D faces. L sits 2nd to the left of K and faces same direction as D faces. No person sits between L and H. Not more than one person sit between L and S. S does not sit 2nd to the right of D. S and K face same direction. G and J sit together. G is not neighbour of D. A sits 3rd to the left of J. The immediate neighbours of K face opposite direction to each other. G faces the same direction as L faces but does not face towards the centre.

PUZZLE

Direction(11-15): Study the following information carefully and answer the question given below.

आठ मित्र A, S, D, G, H, J, K और L एक गोलाकार टेबल के चारों ओर बैठे हैं। कुछ केंद्र की ओर देख रहे हैं और कुछ केंद्र के विपरीत की ओर देख रहे हैं।

K, D के ठीक दायी ओर बैठता है। D और H के बीच तीन व्यक्ति बैठते हैं। जिस दिशा में D देख रहा है, उसके विपरीत दिशा में H देखता है। L, K के बायें से दूसरे स्थान पर बैठा है और जिस दिशा में D देख रहा है, उसी दिशा में L भी देख रहा है। कोई भी व्यक्ति L और H के बीच नहीं बैठता है। L और S के बीच एक से अधिक व्यक्ति नहीं बैठता है। S, D के दायें से दूसरे स्थान पर नहीं बैठता है। S और K एक ही दिशा में देख रहा है। G और J एक साथ बैठते हैं। G, D का पड़ोसी नहीं है। A, J के बाईं ओर तीसरे स्थान पर बैठता है। K के निकटतम पड़ोसी एक-दूसरे के विपरीत दिशा में देखते हैं। G उसी दिशा में देख रहा है जिस दिशा में L देख रहा है लेकिन केंद्र की ओर नहीं देख रहा है।
Eight persons i.e A, S, D, G, H, J, K and L are seated around a circular table. Some are facing towards centre and some are facing towards opposite to the centre.
K sits immediate right of D. There are three persons sit between D and H. H faces opposite direction as D faces. L sits 2nd to the left of K and faces same direction as D faces. No person sits between L and H. Not more than one person sit between L and S. S does not sit 2nd to the right of D. S and K face same direction. G and J sit together. G is not neighbour of D. A sits 3rd to the left of J. The immediate neighbours of K face opposite direction to each other. G faces the same direction as L faces but does not face towards the centre.
Q16. Statement: कथन
N=J < L < K > N = C > E

Conclusions: निष्कर्ष
I. J < N
II. N > C
Q17. Statements: कथन
S > B = E < Z; T < S

Conclusions: निष्कर्ष
I. B > T
II. T > E
Q18. Statements: कथन
A > T > C = S > Q; T < P < D

Conclusions: निष्कर्ष
I. P > Q
II. S < D
Q19. Statement: कथन
A < Q < O ≤ R = B

Conclusions: निष्कर्ष
I. A > B
II. A ≤ B
Q20.Statement: कथन
P < R > T > E = B

Conclusions: निष्कर्ष
I. 1 > 2
II. 1 ≤ 2
Nine boxes i.e. B, C, E, F, M, P, T, U and Z are placed at one another such that one box is placed above of another box. Z is placed just above M. There are three boxes are placed between Z and T. P is placed 2nd above Z. P is not placed below T. More than three boxes are placed between B and T. U is placed below T. There are two boxes are placed between E and F in which E is placed above F. F is placed below M. E is not placed near to Z. C is placed just above T.
Nine boxes i.e. B, C, E, F, M, P, T, U and Z are placed at one another such that one box is placed above of another box. Z is placed just above M. There are three boxes are placed between Z and T. P is placed 2\textsuperscript{nd} above Z. P is not placed below T. More than three boxes are placed between B and T. U is placed below T. There are two boxes are placed between E and F in which E is placed above F. F is placed below M. E is not placed near to Z. C is placed just above T.
Directions (26-30): The following questions given below are based on six numbers with three digits each:

नीचे दिए गए निम्नलिखित प्रश्न तीन अंकों के साथ छह संख्याओं पर आधारित हैं।

583  238  752  471  749  692

Q26. If 2 is subtracted from the second digit of all numbers and 2 is added in the first digit of all numbers, then which number is lowest number after the arrangement?

यदि 2 सभी संख्याओं के दूसरे अंक से घटाया जाए और 2 सभी संख्याओं के पहले अंक में जोड़ा जाए, तो इस व्यवस्था के बाद कौन सी संख्या सबसे कम होगी?

238
752
471
949
None of these/इनमें से कोई नहीं
Q27. If third digit of highest number is divided by the first digit of lowest number, then what will be the resultant?

यदि सबसे बड़ी संख्या के तीसरे अंक को सबसे छोटी संख्या के पहले अंक से विभाजित किया जाता है, तो परिणाम क्या होगा?

4
1
4.5
5
None of these/ इनमें से कोई नहीं
Q28. If all the digits in each number are arranged in increasing order, then which number will be the highest number after the rearrangement?

यदि प्रत्येक संख्या के सभी अंकों को बढ़ते क्रम में व्यवस्थित किया जाता है, तो पुनर्व्यवस्था के बाद कौन सी संख्या सबसे बड़ी होगी?

238
752
471
949
583
Q29. How many numbers will be there in the given series in which addition of first and third digit is greater than second digit?
दी गई सूची में कितनी संख्या होगी जिनमें पहले और तीसरे अंक का योग दूसरे अंक से बड़ा होगा?
One/ एक
Two/ दो
Three/ तीन
Four/ चार
None of these/ इनमें से कोई नहीं
Q30. How many numbers will be there in the given series in which difference of first and third digit is greater than second digit?

दी गई श्रृंखला में कितनी संख्या होंगी जिसमें पहले और तीसरे अंक के बीच का अंतर दूसरे अंक से अधिक होगा ?

One/ एक
Two/ दो
Three/ तीन
Four/ चार
None of these/ इनमें से कोई नहीं
Direction (31-35): Study the following information carefully and answer the question given below.

Eight persons Z, X, F, V, G, J, K, and L are seating in a row, some are facing north and some are facing south but not necessarily in the same order.

X sits at 3rd position from one of the extreme ends. V sits 3rd left of X. L sits 2nd to the left of V. L does not sit at extreme ends. There are three persons sit between L and F. Z sits immediate right of F. G sits 2nd to the right of Z. More than two persons sit between G and K. L faces the same direction as V faces. V and G sit immediate left to each other but G does not face south direction. The immediate neighbors of J face opposite direction to each other. J faces the same direction as Z faces.

आठ व्यक्ति Z, X, F, V, G, J, K, और L एक पंक्ति में बैठे हैं, उनमें से कुछ उत्तर की ओर और कुछ दक्षिण की ओर देख रहे हैं लेकिन आवश्यक नहीं की इसी क्रम में हों।

X चरम सिरों में से एक सिरे से तीसरे स्थान पर बैठता है। V, X के बाएं से तीसरे स्थान पर बैठता है। L, V के बाएं से दूसरे स्थान पर बैठता है। L चरम सिरों पर नहीं बैठता है। L और F के बीच तीन व्यक्ति बैठते हैं। Z, F के ठीक दाएं बैठता है। G, Z के दाईं ओर से दूसरे स्थान पर बैठता है। G और K के बीच दो से अधिक व्यक्ति बैठते हैं। V और L दोनों एक ही दिशा में देखता है। V और G एक दूसरे के ठीक बायें बैठे हैं लेकिन G दक्षिण दिशा की ओर नहीं देखता है। J के तत्काल पड़ोसी एक दूसरे के विपरीत दिशा की ओर देखते हैं। जिस दिशा में Z देख रहा है, उसी दिशा में J भी देख रहा है।
Eight persons Z, X, F, V, G, J, K, and L are seating in a row, some are facing north and some are facing south but not necessarily in the same order.

X sits at 3rd position from one of the extreme ends. V sits 3rd left of X. L sits 2nd to the left of V. L does not sit at extreme ends. There are three persons sit between L and F. Z sits immediate right of F. G sits 2nd to the right of Z. More than two persons sit between G and K. L faces the same direction as V faces. V and G sit immediate left to each other but G does not face south direction. The immediate neighbors of J face opposite direction to each other. J faces the same direction as Z faces.
Directions (36-38): Study the information carefully and answer the questions given below.

G is daughter in law of C who has only one child. D is father of B who is brother in law of H who is son of C. A has only two children one son and one daughter. A is mother of B. F and E are grandsons of C.

G, C की बहू है जिसके केवल एक बच्चा है। D, B का पिता है। B H का ब्रदर इन लोग है, जो C का पुत्र है। A के केवल दो बच्चे हैं एक बेटा और एक बेटी। A, B की मां है। F और E, C का ग्रैंडसन है।
G is daughter in law of C who has only one child. D is father of B who is brother in law of H who is son of C. A has only two children one son and one daughter. A is mother of B. F and E are grandsons of C.

Q36. What is the relation of C with respect to G?

G के संबंध में C का क्या संबंध है?

Mother / मां
Grand mother / ग्रैंड मां
Grand father / ग्रैंड फाडर
Cannot be determined / निर्धारित नहीं किया जा सकता है
None of these. / इनमें से कोई भी नहीं
G is daughter in law of C who has only one child. D is father of B who is brother in law of H who is son of C. A has only two children one son and one daughter. A is mother of B. F and E are grandsons of C.

Q37. If W is wife of D than how W related to G?
Mother / मां
Mother in law / मदर इन लाओं
Sister in law / सिस्टर इन लाओं
Cannot be determined / निर्धारित नहीं किया जा सकता है
Son / बेटा
G is daughter in law of C who has only one child. D is father of B who is brother in law of H who is son of C. A has only two children one son and one daughter. A is mother of B. F and E are grandsons of C.

Q38. What is the relation of E with respect to A?
A के संबंध में E का क्या संबंध है?
Uncle/ अंकल
Father/ पिता
Son / बेटा
Mother / मां
Grandson / ग्रैंडसन
G is daughter in law of C who has only one child. D is father of B who is brother in law of H who is son of C. A has only two children one son and one daughter. A is mother of B. F and E are grandsons of C.

Q38. What is the relation of E with respect to A?
A के संबंध में E का क्या संबंध है?
Uncle/ अंकल
Father/ पिता
Son / बेटा
Mother / मां
Grandson / ग्रैंडसन
Directions (39-40): Study the following information carefully and answer the questions which follow—
Rahul starts walking in south direction for 2m then he turns to his left and covers a distance of 4m and then turns left and walk for 5m and again takes a left turn and stops after walking 7m.

राहुल दक्षिण की दिशा में 2मी चलता है फिर वह बाएं मुड़ता है और 4 मीटर की दूरी तय करता है और फिर बाएं मुड़ता है और 5 मीटर चलता है और दोबारा बाएं मुड़ता है और 7 मी चलने के बाद रुक जाता है।
Rahul starts walking in south direction for 2m then he turns to his left and covers a distance of 4m and then turns left and walk for 5m and again takes a left turn and stops after walking 7m.

Q39. Rahul final position is in which direction from his initial position?

राहुल की अंतिम स्थिति उसकी आरंभिक स्थिति से किस दिशा में है?

East/ पूर्व
South/ दक्षिण
North-west/ उत्तर-पश्चिम
North-east/ उत्तर-पूर्व
South-west/ दक्षिण-पश्चिम
Rahul starts walking in south direction for 2m then he turns to his left and covers a distance of 4m and then turns left and walk for 5m and again takes a left turn and stops after walking 7m.

Q40. What is the shortest distance between Rahul final position and his initial position?

राहुल की अंतिम स्थिति और उसकी आरंभिक स्थिति के मध्य न्यूनतम दूरी क्या है?

10m
8m
13m
$\sqrt{13}$m

None of these/ इनमें से कोई नहीं