Quiz Date: 5th July 2020
Direction (1-5): Study the following information carefully and answer the questions given below-
Eight persons are sitting around a circular table. Some of them are facing inside the center while some are facing outside the center. V sits third to the left of W. S sits second to the left of $P$. $T$ sits third to the right of $S$. Both $T$ and $Q$ are facing same direction as $V$. $U$ sits opposite to Q and Q is not an immediate neighbor of S who is facing opposite direction of P . $V$ is not an immediate neighbour of $U$. R neither sits opposite to T nor P . Both V and W are facing same direction. W is facing inside the center of the circle. While both R and U are facing same direction to each other but opposite to $S$.

Q1. Who among the following sits immediate right of S?
(a) $R$
(b) V
(c) U
(d) P
(e) Q

Q2. How many persons sits between Q and U when counted in clockwise direction with respect to U?
(a) One
(b) Three
(c) Two
(d) Four
(e) No one

Q3. Who among the following faces V ?

(a) P
(b) R
(c) S
(d) T
(e) W

Q4. Who among the following sit opposite to R ?
(a) W
(b) T
(c) S
(d) P
(e) None of these

Q5. Who among the following sit opposite to the one who sits $2^{\text {nd }}$ right of $R$ ?
(a) V
(b) P
(c) Q
(d) S
(e) None of these

Directions (6-10): These questions are based on the following set of numbers.
758625417843236
Q6. If in each number first digit is replaced by the second digit, second digit is replaced by the third digit and third digit is replaced by the first digit, then which number will be the second lowest?
(a) 625
(b) 843
(c) 236
(d) 758
(e) 417

Q7. If in each number, the first and the third digits are interchanged, and then which number will be the highest?
(a) 843
(b) 417
(c) 236
(d) 758
(e) 625

Q8. If all the numbers are arranged in descending order, then what will be the difference between the second digit of highest number and third digit of second highest number?
(a) 1
(b) 2
(c) 4
(d) 5
(e) 0

Q9. If ' 1 ' is added to all even digits in all the numbers, in which of the following numbers will the difference between the first and second digit will be less than two?
(a) 625
(b) 843
(c) 236
(d) 758
(e) 417

Q10. If in each number all the digits are arranged in ascending order within the number, then what will be the difference between lowest and highest number thus formed?
(a) 431
(b) 469
(c) 530
(d) 433
(e) 429

Q11. There are 23 students in a class. Sumit ranks fourth among the boys in the class. Shivani ranks fifth among the girls in the class. Sumit is one rank below Shivani in the class. No two students hold the same rank in the class. What is Shivani's rank in the class?
(a) Cannot be determined
(b) 5 th
(c) 8th
(d) 7 th
(e) None of these

Q12. In a row of 55 students Karan's position is 39th from the left and Mayank's position is 36th from right then how many students are there between them?
(a) 19
(b) 17
(c) 16
(d) 20
(e) 18

Q13. How many such pair of numbers are there in the given number " 91487536 " (Both backward and forward) same as far as according to numeric series?
(a) Three
(b) Five
(c) Two
(d) One
(e) None of these.

Q14. If 2 is subtracted from each odd number and 1 is added to each even in the number '83526794', then which among the following digits will appear twice in the new number thus formed?
(a) Only 3
(b) Only 3 and 5
(c) 3, 5 and 7
(d) 1,5 and 9
(e) None of these

Q15. How many letter/letters will remain in the same position in the word 'LUNCHBOX' when they are arranged in alphabetical order from left to right?
(a) One
(b) Two
(c) Three
(d) More than Three
(e) None


Solutions
Solutions (1-5):
Sol.


S1. Ans. (c)
S2. Ans. (b)
S3. Ans. (d)
S4. Ans. (c)
S5. Ans. (b)
Solutions (6-10):
S6. Ans.(a)
Sol. New arrangement will be $\begin{array}{lllll}587 & 256 & 174 & 438 & 362 .\end{array}$
S7. Ans.(d)
S8. Ans.(c)
S9. Ans.(c)
S10. Ans.(a)
S11. Ans.(c)
Sol. Shivani's rank is 8 th, as there are 3 boys and 4 girls before Shivani.
S12. Ans.(e)

Sol. Karan's position is 39th from the left
Mayank's position from the left is (55-36+1=20th) from the left
Hence, there are 18 students between them.
S13.Ans.(a)
Sol.


S14.Ans.(c)
Sol.
83526794

After performing operation

S15.Ans.(a)
Sol. Only X
91337575


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