

Quiz Date: 17th March 2020

Directions (1-5): Study the following information carefully to answer the given questions:

Eight friends O, R, M, K, H, U, B and S are sitting around a circular table, but not necessarily in the same order. Four of them are facing inside and the other are facing outside. Each of them like colour i.e. Green, Blue, Pink, Orange, Grey, Purple, Red and White.

The one who likes Grey facing outside and sits third to the left of R. H sits second to the left of O, who facing outside. M faces H and likes purple colour. O and R do not sit near to each other. H does not like Grey. R likes Red and faces S, who facing same direction as R. B faces the one who likes Blue and both are not facing same direction. B does not sit near to M. B facing same direction as S. The one who likes Green sits immediate right of R. S does not like White and Orange. The one who likes Orange sits immediate left of the one who likes Grey and he sits opposite to U. Immediate neighbours of R are facing opposite direction to him.

Q1. Who among the following likes Green?

- (a) H
- (b) S
- (c) B
- (d) U
- (e) K

Q2. Which of the following colour likes by S?

- (a) Blue
- (b) Pink
- (c) Green
- (d) Purple
- (e) None of these

Q3. What is the position of K with respect to M?

- (a) Second to the left
- (b) Second to the right
- (c) third to the right
- (d) third to the left
- (e) Immediate left

Q4. Which of the following colour H likes?

- (a) Blue
- (b) Pink
- (c) Green
- (d) Purple
- (e) White

Q5. Who among the following likes Blue colour?



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- (a) H
- (b) S
- (c) B
- (d) U
- (e) K



Directions (6-9): Study the following information carefully to answer the given questions: A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

INPUT—5431 6872 7926 4358 6481 2578

STEP I- 3451 7862 2976 5348 8461 7528

STEP II- 2976 3451 5348 7528 7862 8461

STEP III- 2 1 4 2 7 5

STEP IV- 21 15 12 6 6 3

Step IV is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: 4638 1392 7382 3417 2158 5328 9256 8475

Q6. Which of following number is fourth from the right end in step 3?

- (a) 5
- (b) 8
- (c) 9
- (d) 2
- (e) None of these

Q7. What is the sum of all digits of the number which is third from the left in the step 2?

- (a) 25
- (b) 31
- (c) 30
- (d) 21
- (e) None of these

Q8. Which of the following is the multiplication of the number which is 3rd from the left in step 3 and the number which is 5th from the right in last step?

- (a) 18
- (b) 45
- (c) 30
- (d) 36
- (e) None of these

Q9. What is the difference between the sum of the first two and last two digits of the number which is third from the right of the number which is fourth from the left end in step 2?

- (a) 7
- (b) 5
- (c) 2
- (d) 3
- (e) None of these

Q10. How many pairs of letters are there in the word "PROGRESSIVE" each of which have as many letters between them (both forward and backward direction) in the word as they have between them in the English alphabetical series?

- (a) four
- (b) two
- (c) three
- (d) More than four
- (e) None

Directions (11-15): Study the following information carefully to answer the given questions. In a certain code language:

"Balance Cases Over" is written as '\$YX \$ZV #LV'

"Trial Outbreak Gadgets" is written as '\$GZ \$TG #LZ'

"Internet Science Positive" is written as '\$HX #RV #KE'

Q11. "Infection" will be coded as?

- (a) \$DM
- (b) \$VK
- (c) #RL
- (d) \$RL
- (e) None of these

Q12. "Nationals" will be coded as?

- (a) #NK
- (b) \$TO
- (c) \$MO
- (d) #NM
- (e) None of these

Q13. What is the code for “Foreign Access”?

- (a) #ZH \$UT
- (b) \$ZT \$UK
- (c) #TZ \$FH
- (d) \$DR #TU
- (e) None of these

Q14. Which will be the code for ‘Instantly’?

- (a) #NL
- (b) \$RO
- (c) #NF
- (d) \$OR
- (e) None of these

Q15. What is the code of ‘Enhance’?

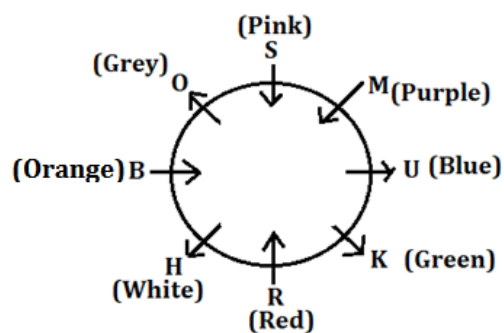
- (a) \$UX
- (b) #FH
- (c) #IK
- (d) \$VX
- (e) None of these



Solutions

Solutions (1-5):

Sol.



S1. Ans(e)

S2. Ans(b)

S3. Ans(a)

S4. Ans(e)
S5. Ans(d)

Solutions (6-9):

In the given Input-Output question the logic is—

For step I- Interchange first and third digits of each number.

For Step II- All the numbers obtained in step I are arranged in ascending order from the left end.

For Step III- Difference of sum of first two digits and last two digits.

For step IV- Arrange all the numbers in descending order from left end after multiplying by 3 in all the numbers obtained in step III.

INPUT- 4638 1392 7382 3417 2158 5328 9256 8475

STEP I- 3648 9312 8372 1437 5128 2358 5296 7485

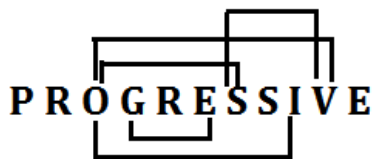
STEP II- 1437 2358 3648 5128 5296 7485 8372 9312

STEP III- 5 8 3 4 8 2 2 9

STEP IV- 27 24 24 15 12 9 6 6

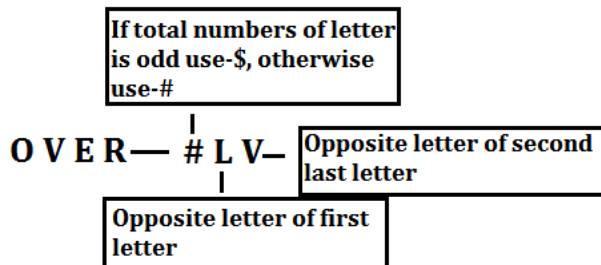
S6. Ans.(b)
S7. Ans.(d)
S8. Ans.(b)
S9. Ans.(c)

S10. Ans.(d)
Sol.



Solutions (11-15):

Sol.



S11. Ans.(d)
S12. Ans.(c)
S13. Ans.(a)
S14. Ans.(b)
S15. Ans.(d)



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