

Quiz Date: 9th July 2020

Directions (1-5): **Read the given information carefully and answer the given questions.**

Eight friends are sitting in a straight line. Some of them face north while some of them face south direction. All of them were born in different months starting from January to August of the same year and on same date.

R who sits at the extreme end of the row and faces south. W is not an immediate neighbour of the oldest person and faces opposite to U and R. Only three persons sit between R and V who was born in June. T is not an immediate neighbour of V and sits second to the right of Q. S sits second to the right of P who is the oldest person in the group. W is the third oldest person in the group. P is not an immediate neighbour of R and V. U was born in May and sits fourth to the left of the one who was born in March. T faces same direction as U but opposite to Q and S. R is four months older than Q. Second oldest person sits immediate right of the one who is third youngest.

Q1. Who among the following second youngest person in the group?

- (a) S
- (b) W
- (c) U
- (d) T
- (e) None of these

Q2. Who among the following sits third to the right of S?

- (a) Q
- (b) W
- (c) U
- (d) P
- (e) None of these

Q3. S was born in which of the following month?

- (a) February
- (b) January
- (c) March
- (d) August
- (e) None of these

Q4. Which of the following statement is not true about V?

- (a) V sits third to the right of the one who was born in January
- (b) V was born in March
- (c) W sits second to the left of V
- (d) V is facing south
- (e) None is true

Q5. How Many persons sit between R and U?

- (a) One



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- (b) Two
- (c) Three
- (d) More than four
- (e) None

Directions (6-10): In the following questions, the symbols @, #, %, \$ and © are used with the following meaning as illustrated below-

'P@Q' means 'P is neither greater than nor equal to Q'

'P#Q' means 'P is neither equal to nor smaller than Q'

'P*Q' means 'P is neither smaller than nor greater than Q'

'P%Q' means 'P is not smaller than Q'

'P\$Q' means 'P is not greater than Q'

Now in each of the following questions assuming the given statement to be true, find which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

Q6. Statements: Y%Z, M#E, L*G, M\$L, G@Y

Conclusions: I. L#Z II. G%E III. M*Y

- (a) None is true
- (b) Only I and II is true
- (c) Only III is true
- (d) Either I or II are true
- (e) None of these

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Q7. Statements: A@S, J%K, G\$Y, J#S, Y\$K

Conclusions: I. K@A II. J#A III. G\$K

- (a) Only I and III are true
- (b) Only II and III are true
- (c) Only I and II are true
- (d) All are true
- (e) None of these

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Q8. Statements: W*U, O#L, G%V, B\$L, V%W, L\$U

Conclusions: I. O%B II. W#B III. V%B

- (a) None is true
- (b) Only III is true
- (c) Only I and II are true
- (d) Only I and III are true
- (e) All are true

Q9. Statements: E\$P, U*C, I%O, K#I, C*E, P@I

Conclusions: I. U@P II. O@U III. K#C

- (a) Only I is true
- (b) Only III is true
- (c) Only II true
- (d) Only II and III are true

(e) All are true

Q10. Statements: T@R, G%D, W*D, F#G, R*G

Conclusions: I. F%T II. W\$R III. F#D

- (a) None is true
- (b) Only II is true
- (c) Only I and II are true
- (d) Only II and III are true
- (e) All are true

Directions (11-15): **Study the following information carefully to answer the given questions:**

A number arrangement machine when given an input line of numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

INPUT— study tips strategies article week vocabulary

STEP I- article strategies study tips vocabulary week

STEP II- IO14 GV30 GW10 RK12 LI30 VV12

STEP III- 5 3 1 3 3 3

STEP IV- 15 9 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: english current affairs based hindu thoughts

Q11. Which of the following element is 3rd from the right end in step II?

- (a) UR18
- (b) ZV10
- (c) FM 14
- (d) MH14
- (e) None of these

Q12. What will the addition of the numbers which is third from the right end in step III and 1st from the left end in step IV?

- (a) 24
- (b) 30
- (c) 61
- (d) 12
- (e) None of these

Q13. Which of the following element is exactly between ZV10 and SG24 in step II?

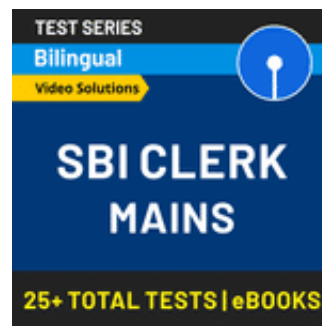
- (a) UR18
- (b) RW10
- (c) FM 14
- (d) MH14
- (e) None of these

Q14. Which of the following is the product of the numbers which are 2nd from right in step IV and 3rd from left end in step III ?

- (a) 5
- (b) 8
- (c) 2
- (d) 11
- (e) None of these

Q15. Which of the following represents the sum of all the digits in last step?

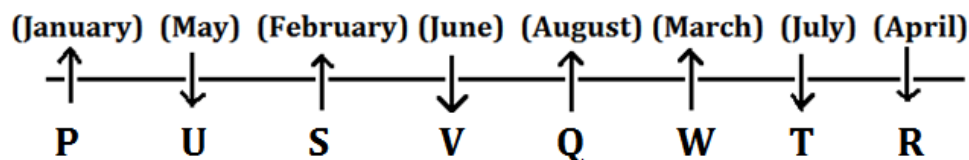
- (a) 17
- (b) 35
- (c) 29
- (d) 46
- (e) None of these



Solutions

Solutions (1-5):

Sol.



- S1. Ans.(d)
- S2. Ans.(b)
- S3. Ans.(a)
- S4. Ans.(b)
- S5. Ans.(d)

Solutions (6-10):

S6. Ans(a)

Sol. I. L#Z(False) II. G%E(False) III. M*Y(False)

S7. Ans(b)

Sol. I. K@A(False) II. J#A(True) III. G\$K(True)

S8. Ans(b)

Sol. I. O%B(False) II. W#B(False) III. V%B(True)

S9. Ans(b)

Sol. I. U@P (False) II. O@U (False) III. K#C(True)

S10. Ans(d)

Sol. I. F%T (False) II. W\$R(True) III. F#D (True)

Solutions (11-15):

In the given Input-Output question the logic is—

For step I- Words are arranged according to alphabetical order.

For Step II- For Letter- Reverse of the 2nd letter and the 2nd last letter.

For Number- If the total number of letters is even then it is multiplied with 3 and if it is odd then it is multiplied with 2.

For Step III- The digits of the numbers in the previous step are added.

For step IV- the first number is multiplied with last number, similarly 2nd number from left is multiplied with 2nd number from right.

INPUT— english current affairs based hindu thoughts

STEP I- affairs based current english hindu thoughts

STEP II- UI14 ZV10 FM 14 MH14 RW10 SG24

STEP III- 5 1 5 5 1 6

STEP IV- 30 1 25

S11. Ans. (d)

S12. Ans. (e)

S13. Ans. (d)

S14. Ans. (a)

S15. Ans. (e)



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