

Quiz Date: 1st June 2020

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

Seven persons are living in seven different floors of a seven storey building. All of them going for shopping in different days of the same week starting from Monday to Sunday. T lives on an even numbered floor. V stays on the second floor and goes for shopping on Wednesday. The one who stays on the first floor goes for shopping on Saturday. Q goes for shopping immediate before T. Q does not go for shopping on any of the days after V. The one who stays on the seventh floor does not go for shopping on any of the days on and before Friday. The one who stays on the third floor goes for shopping immediately after R. The one who stays on the sixth floor does not go for shopping immediate before or after V. U does not go for shopping on Sunday and does not stay on the third floor. S does not go for shopping on any one of the days before P.

Q1. Who among the following lives on 3rd floor?

- (a) V
- (b) R
- (c) P
- (d) Q
- (e) None of these

Q2. Who among the following persons goes for shopping on Sunday?

- (a) R
- (b) The one who lives on 5th floor
- (c) Q
- (d) The one who lives on 7th floor
- (e) None of these

Q3. Which of the following statement is true about Q?

- (a) Only two persons lives between V and Q
- (b) R lives just below Q
- (c) V goes immediate after Q
- (d) Q goes for shopping on Friday
- (e) None is true

Q4. U goes for shopping on which day of the week?

- (a) Monday
- (b) Thursday
- (c) Friday
- (d) Saturday
- (e) None of these

Q5. How many persons goes for shopping between S and V?

- (a) Two
- (b) One

- (c) More than Three
- (d) Three
- (e) None

Directions (6-10): Study the following information carefully and 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 in each step. The following is an illustration of input and rearrangement.

Input- minister 93 external 57 commissioner 74 government 68

Step-I: clmmrssrlnvr minister external 57 74 government 68 36

Step-II: clmmrssrlnvr vxtvrnzl minister 57 government 68 36 9

Step-III: clmmrssrlnvr vxtvrnzl glvvrnmvnt minister 57 36 9 4

Step-IV: clmmrssrlnvr vxtvrnzl glvvrnmvnt mnrnstvr 36 9 4 4

Step IV is the final step.

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

Input- republic 16 parliament 48 privilege 29 project 19

Q6. How many steps are required to rearrange the given input?

- (a) III
- (b) VII
- (c) V
- (d) IV
- (e) None of these

Q7. What will be the second step of the given input?

- (a) Step II- pzrlrzmvnt prrvrlvgv republic 16 project 49 19 16
- (b) Step II- pzrlrzmvnt prrvrlvgv republic project 16 19 16 49
- (c) Step II- pzrlrzmvnt prrvrlvgv republic 16 project 19 16 49
- (d) Step II- pzrlrzmvnt prrvrlvgv 16 republic project 19 16 49
- (e) None of these

Q8. Which of the following word/number will be at second position from right end in III step?

- (a) 64
- (b) 25
- (c) 49
- (d) 16
- (e) None of these

Q9. What is the addition of 2nd and 5th element from the right end in step II?

- (a) 31
- (b) 32
- (c) 34
- (d) 33

(e) None of these

Q10. Which step gives following output?

“pzrlrzmvnt prrvrlvgv republic 16 project 19 16 49”

- (a) Step-I
- (b) Step-II
- (c) Step-III
- (d) Step-IV
- (e) None of these

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

P@Q – P is neither greater than nor equal to Q

P%Q – P is neither smaller than nor equal to Q

P#Q – P is not greater than Q

P\$Q – P is not smaller than Q

P*Q- P is neither smaller than nor greater than Q

Q11. Statements: Z@Y, Y%X, X*W, W\$V

Conclusions: I. Y%V II. Z%V

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Either conclusion I or II follows
- (d) Neither conclusion I nor II follow
- (e) Both conclusion I and II follows

Q12. Statements: A%D, B@E, D#C, E*C

Conclusions: I. C\$A II. E@A

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Either conclusion I or II follows
- (d) Neither conclusion I nor II follow
- (e) Both conclusion I and II follows

Q13. Statements: G*K, K\$M, M#N, N@O

Conclusions: I. K%N II. M@O

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Either conclusion I or II follows
- (d) Neither conclusion I nor II follow
- (e) Both conclusion I and II follows

Q14. Statements: S\$T, W\$U, T*W, U@V

Conclusions: I. S\$U II. V@T

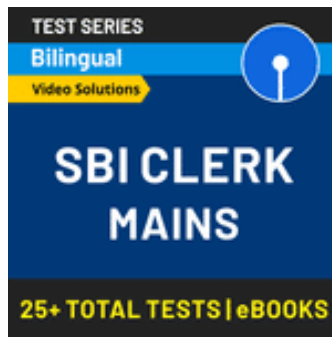
- (a) Only conclusion I follows
- (b) Only conclusion II follows

- (c) Either conclusion I or II follows
 (d) Neither conclusion I nor II follow
 (e) Both conclusion I and II follows

Q15. Statements: A%B, C\$E, D@B, D*C

Conclusions: I. A%C II. E@B

- (a) Only conclusion I follows
 (b) Only conclusion II follows
 (c) Either conclusion I or II follows
 (d) Neither conclusion I nor II follow
 (e) Both conclusion I and II follows



Solutions

Solution (1-5):

Sol.

Floor	Persons	Days
7	S	Sunday
6	Q	Monday
5	R	Thursday
4	T	Tuesday
3	P	Friday
2	V	Wednesday
1	U	Saturday

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

Solution (6-10):

Sol. In this new pattern Input-Output question only one word and one number is arranged in each step. Let us understand the logic behind it- In each step the words are arranged from the left end while the numbers are arranged from the right end.

For words- words are arranged according to alphabetical order (English dictionary) from left end with each vowel of word is replaced by its opposite letter according to alphabetical series while there will be no change in each consonant of the word and same will be followed in further steps.

For numbers- Numbers are arranged in descending order from right end in such a way that each number is replaced by the square of difference of both the digits of the number.

Input- republic 16 parliament 48 privilege 29 project 19

Step-I: pzrlrzmvt republic 16 prvlvge 29 project 19 16

Step-II: pzrlrzmvt prrvlvgv republic 16 project 19 16 49

Step-III: pzrlrzmvt prrvlvgv prlvct republic 16 16 49 64

Step-IV: pzrlrzmvt prrvlvgv prlvct rvpfblrc 16 49 64 25

S6. Ans.(d)

S7. Ans.(c)

S8. Ans.(c)

S9. Ans.(b)

S10. Ans.(b)

Solution (11-15):

S11. Ans.(a)

Sol. I. Y%V(true)

II. Z%V(false)

S12. Ans.(c)

Sol. I. C\$A(false)

II. E@A(false)

S13. Ans.(b)

Sol. I. K%N(false)

II. M@O(true)

S14. Ans.(a)

Sol. I. S\$U(true)

II. V@T(false)

S15. Ans.(e)

Sol. I. A%C(true)

II. E@B(true)



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