Quiz Date: 15th March 2020

Directions (1-5): Study the information and answer the given questions:
Seven persons living in a seven-floored building such that ground floor is numbered 1, and the topmost floor is numbered 7. Each one of them was born in a different month of the same year starting from January to July.
Only three persons live above the floor on which P lives. Only three persons live between the persons who were born in July and April. R lives on the floor which is immediately below the floor on which T lives. Only two persons live between Q and the third oldest person who lives one of the floors below Q. V was not born in January. Only one person lives between P and the youngest person. The one who was born in June lives on an even numbered floor. Q neither lives immediately above nor lives immediately below the floor on which the person who was born in May lives. P does not live immediately above or immediately below S. The person who was born in the month of June lives on the floor which is immediately above the floor on which U lives. The person who lives immediately above V was not born in July.

Q1. Who among the following was born in May?
(a) V
(b) S
(c) Q
(d) R
(e) T

Q2. How many persons are live in between V and the youngest person?
(a) One
(b) None
(c) Three
(d) More than Three
(e) Two

Q3. Who among the following lives on second floor?
(a) The one who was born in June
(b) Q
(c) the one who was born in July
(d) R
(e) V

Q4. Who among the following lives exactly between the one who was born in January and U?
(a) The one who lives fifth floor
(b) the one who was born in May
(c) P
(d) the one who lives on sixth floor
(e) T

Q5. Which of the following statement is true with respect of U?
(a) U lives immediate above P
(b) U lives on third floor
(c) Only one person lives in between U and Q
(d) U was born in January
(e) All are true

Directions (6-10): Study the given information and answer the questions:
When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of input and its rearrangement.
Input: 58 87 20 16 43 94 32 71
Step I: 61 58 87 20 43 32 71 59
Step II: 02 61 58 43 32 71 59 88
Step III: 23 02 61 58 43 59 88 27
Step IV: 34 23 02 61 59 88 27 95
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: 25 47 93 59 18 65 76 33

Q6. What is the resultant of the product of the digits of the number which is third from the right end in step III?
(a) 27
(b) 36
(c) 18
(d) 45
(e) 40

Q7. Which of the following element will be 3rd from the right of 6th from the right end in step II?
(a) 47
(b) 52
(c) 81
(d) 33
(e) 49

Q8. What is the difference between the numbers which is second from the right and third from the left of step IV?
(a) 11
(b) 21
(c) 14
(d) 9
(e) 8

Q9. What is sum the digits of the number which is 3rd number from the left end in step III?
(a) 10
(b) 7
(c) 8
(d) 9
(e) 11

Q10. If all the numbers in the last step are arrange in descending order, then which of the following is fourth from the right end?
(a) 52
(b) 77
(c) 49
(d) 74
(e) 66

Directions (11-15): Study the following information carefully and answer the given questions.
In a certain code language,
"Historian had found" is written as '4L 1V 2V'
"Dancing girl idol from" is written as '2S 1N 2N 1M'
"Which Proves that art" is written as '1R 2G 1F 1F'
"The civilization was rediscovered" is written as '1U 6L 1G 5V'

Q11. Which of the following is the code of 'Develop'?
(a) 3K
(b) 2K
(c) 3L
(d) 3J
(e) 2J

Q12. The code '1V 4G 1G 1F'may represent
(a) is bright shows the
(b) the dedication hard bright
(c) hard requires is bright
(d) is shows hard study
(e) study dedication requires

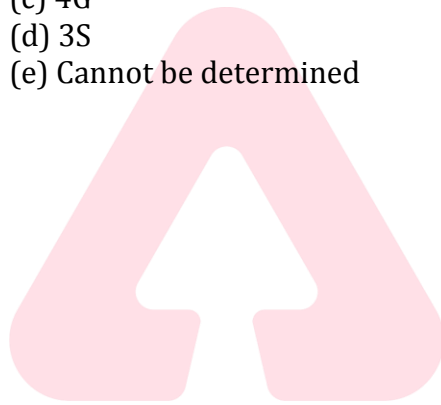Q13. Which of the following may represent 'requires dedication some the bright'?
(a) 4G 5L 2U 1U 1F
(b) 4L 3G 1U 1V 6K
(c) 5K 2V 1V 1V 3F
(d) 5G 6T 2V 2U 1F
(e) None of these.

Q14. Which of the following is the code of 'Rhythm'?
(a) 0M
(b) 1M
(c) 2M
(d) 3M
(e) Cannot be determined

Q15. Which of the following is code of 'issues'?
(a) 3H
(b) 3G
(c) 4G
(d) 3S
(e) Cannot be determined

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Solutions

Solutions (1-5):
Sol.

Floor	Persons	Month
7	S	January
6	Q	April
5	V	February
4	P	June
3	U	March
2	T	July
1	R	May

S1. Ans.(d)
S2. Ans.(e)

S3. Ans.(c)
S4. Ans.(a)
S5. Ans.(b)

Solutions (6-10):
Logic of the given input output is-
In first step smallest number is arranged at the leftmost end after interchange the digits within the number, while the greatest number are arranged at the rightmost after adding one in each number and interchange digits with in the number and in second step second smallest number is arranged at the leftmost end after interchange the digits within the number, and second greatest number are arranged at the rightmost after adding one in each number and interchange digits with in the number and so on.

Input: 25 47 93 59 18 65 76 33
Step I: 81 25 47 59 65 76 33 49
Step II: 52 81 47 59 65 33 49 77
Step III: 33 52 81 47 59 49 77 66
Step IV: 74 33 52 81 49 77 66 06

S6. Ans.(b)
S7. Ans.(d)
S8. Ans.(c)
S9. Ans.(d)
S10. Ans.(a)

Solutions (11-15):
Sol. Logic:- Number represent total number of vowel in the word. And letter represent the one letter before the opposite letter of the last letter in the word.
For eg. Had= 1V= 1(total number of vowel in the word). V(one letter before the opposite of the last letter)

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

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