Alpha Numeric Symbol Series Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant and IBPS RRB Exams.

Alpha Numeric Symbol Series Set 41

Directions: Study the following information carefully and answer the questions given beside:

3 1 2 8 2 5 5 9 5 6 4 9 1 9 2 5 1 4 6 4 5 3 2 6 4 7 5 5 9 3 1 5 8 2 6

1. Which of the following is fifth to the left of the twenty second digit from the left end of the above arrangement?

A. 6   B. 7   C. 5   D. 1   E. None of these

2. If 1 is subtracted from each of odd number and 1 is added to each of even number given in the above arrangement, what will be the difference between the digit which is sixth from the left end and the digit which is twelfth from the right end of the arrangement?

A. 1   B. 3   C. 5   D. 0   E. None of these

3. In the given arrangement, how many 5s are there each of which is immediately preceded by a perfect square? (1 is to be considered as perfect square)

A. Only one   B. Two   C. Three   D. Four   E. None of these

4. If all the even digits are deleted from the above arrangement, which of the following will 11th from the right end of the arrangement?

A. 1   B. 3   C. 9   D. 7   E. None of these

5. If 1 is subtracted from each of odd digits given in the above arrangement, how many 4s are there each of which are immediately preceded by a digit less than 4 and also immediately followed by a digit greater than 4?

A. None   B. Only 1   C. Only 2   D. Only 3   E. More than 3

Correct Answers:

1	2	3	4	5
D	B	C	E	C

Explanations :

1. **The given arrangement:**

3 1 2 8 2 5 5 9 5 6 4 9 1 9 2 5 1 4 6 4 5 3 2 6 4 7 5 5 9 3 1 5 8 2 6

Required digit = 22nd – 5th = 17th from the left end = 1

Hence, the correct answer is option D.

2. **The given arrangement:**

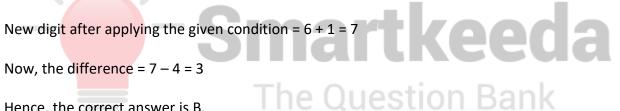3 1 2 8 2 5 5 9 5 6 4 9 1 9 2 5 1 4 6 4 5 3 2 6 4 7 5 5 9 3 1 5 8 2 6

The 6th digit from the left end = 5

New digit after applying the given condition = 5 -1 = 4

The 12th digit from the right end = 6

New digit after applying the given condition = 6 + 1 = 7

Now, the difference = 7 – 4 = 3

Hence, the correct answer is B.

3. **The given arrangement:**

3 1 2 8 2 5 5 9 5 6 4 9 1 9 2 5 1 4 6 4 5 3 2 6 4 7 5 5 9 3 1 5 8 2 6

Applying above condition in the given arrangement, we have:

3 1 2 8 2 5 5 9 **5** 6 4 9 1 9 2 5 1 4 6 4 **5** 3 2 6 4 7 5 5 9 3 1 **5** 8 2 6

Here, we can see that there three such 5s each of which is immediately preceded by a perfect square.

Hence, the correct answer is option C.

4. **The given arrangement:**

3 1 2 8 2 5 5 9 5 6 4 9 1 9 2 5 1 4 6 4 5 3 2 6 4 7 5 5 9 3 1 5 8 2 6

Let's count the 11th digit from the right end while not taking the even digits into consideration, we get

11th digit from the right end (excluding even digits) = 5

Hence, the correct answer is option E.

5. **The given arrangement:**

3 1 2 8 2 5 5 9 5 6 4 9 1 9 2 5 1 4 6 4 5 3 2 6 4 7 5 5 9 3 1 5 8 2 6

New arrangement:

2 0 2 8 2 4 4 8 4 6 4 8 0 8 2 4 0 4 6 4 4 2 2 6 4 6 4 4 8 2 0 4 8 2 6

Applying above condition in the give arrangement, we have:

2 0 2 8 2 4 4 8 4 6 4 8 0 8 2 4 0 **4** 6 4 4 2 2 6 4 6 4 4 8 2 0 **4** 8 2 6

Here, we can see that two such 4s are there that satisfy the given condition.

Hence, the correct answer is option C.

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