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

Alpha Numeric Symbol Series Set 9

Directions: Study the following arrangement carefully and answer the questions given beside.

6 7 8 9 9 8 7 9 7 7 8 9 7 8 7 6 9 6 8 9 7 7 9 8 9 7 6 6 8 7

1. How many such digits are there in the given series each of which when subtracted from the following digit, gives 1 as resultant?

- A. Three B. Four C. None D. More than four E. None of these

2. Which of the following numbers will be obtained when the 18th number from the right end is added to the 19th number from the left end of the series?

- A. 17 B. 15 C. 16 D. 18 E. None of these

3. How many odd numbers are there in the numeric series which are immediately preceded by a number, which is a perfect cube?

- A. Six B. Seven C. Eight D. More than eight E. None of these

4. If 2 is subtracted from all odd numbers and 1 is subtracted from all even numbers in the given number series, then which number will be sixteenth from the right end?

- A. 7 B. 5 C. 9 D. 8 E. None of these

5. How many such even numbers are there which is immediately followed by a perfect square in the above series?

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

Correct Answers:

1	2	3	4	5
D	B	B	B	D

Explanations:

1. The given series:
6 7 8 9 9 8 7 9 7 7 8 9 7 8 7 6 9 6 8 9 7 7 9 8 9 7 6 6 8 7

Here, we can see that there are seven such digits in the given series each of which when subtracted from the following digit, gives 1 as resultant.

Hence, the correct answer is option D.

2. The given series:
6 7 8 9 9 8 7 9 7 7 8 9 7 8 7 6 9 6 8 9 7 7 9 8 9 7 6 6 8 7
The 18th number from the right end = 7

The 19th number from the left end = 8

Now, we get:

$$7 + 8 = 15$$

Hence, the correct answer is option B.

3. The given series:
6 7 8 9 9 8 7 9 7 7 8 9 7 8 7 6 9 6 8 9 7 7 9 8 9 7 6 6 8 7

Following the above series, we can say that there are seven such numbers which are immediately preceded by a perfect cube.

Hence, the correct answer is option B.

4. The given series:
6 7 8 9 9 8 7 9 7 7 8 9 7 8 7 6 9 6 8 9 7 7 9 8 9 7 6 6 8 7

Now, the series after applying above condition:
5 5 7 7 7 7 5 7 5 5 7 7 5 7 5 5 7 7 5 5 7 7 7 5 5 5 7 5

The sixteenth number from the right end = 5

Hence, the correct answer is option B.

5. The given series:
6 7 8 9 9 8 7 9 7 7 8 9 7 8 7 6 9 6 8 9 7 7 9 8 9 7 6 6 8 7

Hence, the correct answer is option D.



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