

PRACTICE **MOCK**

Alphanumeric Series

Concept, Tips &
Questions for Practice



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Understanding Alphanumeric Series

In Alphanumeric series questions, you will be given a series which will have a random combination of alphabets, numbers and symbols and there will be questions based on that series. Let's have a look at some examples to have a better understanding.

Question 1-4: Answer the below questions based on this series.

OE43@S&VO9N3EA&SVN@OAINO

Question 1 How many such consonants are there which are both immediately preceded by and immediately followed by a number?

- a. 1
 - b. 2
 - c. 0
 - d. 3
- None of these

Here, only the consonant N is there which is immediately preceded by and immediately followed by a number. So option a is correct.

Question 2 If the first half of the series is written in reverse order, then which Element will be twenty-first from the right end?

- a. A
- b. O

c. @

d. &

None of these

Here you just need to count the total number of elements which is 24. Half of 24 is 12 (since have to reverse the first half). Now picture in your mind, if the first half is reversed, and you start counting from right, the first 12 elements will not matter (since you are counting from right and the left part is reversed). $21 - 12 = 9$. Now you just need to count the 9th element from the left which is O. Hence option b is correct.

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Question 3 Which element will be 3rd to the left of 19th letter from your left in the given series?

a. A

b. E

c. &

d. S

None of these

These kinds of questions are pretty easy. Remember, your left and a letter's left will be opposite. So, $19 - 3 = 16$. 16th letter from left is S and d is the answer.

Question 4 How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and not immediately followed by a symbol?

- a. 2
- b. 1
- c. 0
- d. 4

None of these

Here you just need to keep the pattern NAS [(N)umber (A)lphabet (S)ymbol] in mind while looking at the above series. There is no such combination and therefore the answer is zero. Hence c option.

Tips to Answer Alphanumeric Series Questions Quickly and with Accuracy

While these steps seem lengthy, it is only by practising a lot of questions that you can do all this calculation in your mind itself. You don't even need to pick up the pen. Let's have a look at some tips & tricks which you should keep in mind while answering questions on alphanumeric series.

- Read the question very carefully. These questions are easy and even a slight mistake can cost you precious marks.
- Practice as much as you can. Practice will make you acquainted with different kinds of questions and you can develop your own shortcuts to deal with them.
- Learn the placement of alphabets by heart. A trick is EJOTY where the alphabets E, J, O, T & Y are at 5th, 10th, 15th, 20th & 25th position of the standard English alphabet.

- If the alphabets are asked in the reverse order, the keyword is VQLGB which are at 5th, 10th, 15th, 20th & 25th position of the standard English alphabet (in reverse order).
- Be very clear with the understanding of to the right/ left of, in the middle of, immediately preceding, immediately succeeding etc.
- Make sure whether the question is asking from your left side or a letter's left side.
- Remember that A, E, I, O U are vowels and remaining are consonants.

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Alphanumeric Series- Questions for Practice

Directions 1-5: Study the following arrangement of numbers, symbols and alphabets carefully and answer the questions:

9 * U 7 G % 4 # 5 E ^ & 8 K 6 @ 1 > L F

Question 1: In the given arrangement, how many such alphabets are there which are immediately preceded by a number, which is equal to their alphabetic positions?

- a. 3
- b. 2
- c. 4
- d. 1
- e. None of these

Answer: b

Solution:

Given:

9 * U 7 **G** % 4 # 5 **E** ^ & 8 K 6 @ 1 > L F

There are two such alphabets, which is immediately preceded by a number equals to their alphabetic position.

Hence, option b.

Question 2: What is the sum of the numbers between '%' and '@' in the given arrangement?

- a. 19
- b. 23
- c. 15
- d. 28
- e. None of these

Answer: b

Solution:

Given:

9 * U 7 G % 4 # 5 E ^ & 8 K 6 @ 1 > L F

The sum of the numbers between '%' and '@' is $23(4+5+8+6)$.

Hence, option b.

Question 3: How many alphabets are there which are preceded by a number and immediately followed by a symbol?

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Answer: b

Solution:

Given:

9 * U 7 **G** % 4 # 5 **E** ^ & 8 K 6 @ 1 > L F

There are 2 such alphabets, which are preceded by the number and immediately followed by the symbol.

Hence, option b.

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Question 4: If we drop all prime numbers from the above arrangement, then which is the 8th element from the right end?

- a. E

- b. &
- c. K
- d. 8
- e. None of these

Answer: d

Solution:

Given:

9 * U G % 4 # E ^ & **8** K 6 @ 1 > L F

8 is the 8th element from the right end.

Hence, option d.

Question 5: Which element is 4th to the right of the 7th element from the left end?

- a. ^
- b. 5
- c. #
- d. @
- e. None of these

Answer: a

Solution:

Given:

9 * U 7 G % 4 # 5 E ^ & 8 K 6 @ 1 > L F

^ is 4th to the right of the 7th element from the left end.

Hence, option a.

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Directions 6-10: Study the following arrangement of numbers, symbols and letters carefully and answer the questions:

T 5 \$ % 2 W 9 R S @ O 4 8 * + Z 3 A B 6 ^ M F #

Question 6: In the given arrangement, how many such letters are there which are immediately followed by an odd number and immediately preceded by an even number?

- a. Four
- b. Two
- c. One
- d. Three
- e. None of these

Answer: c

Solution:

T 5 \$ % **2 W 9** R S @ O 4 8 * + Z 3 A B 6 ^ M F #

There is one such letter in the given arrangement which are immediately followed by an odd number and immediately preceded by an even number.

Hence, option c.

Question 7: What is one third of the product of the numbers between 'W' and 'Z' in the given arrangement?

- a. 56
- b. 96
- c. 124
- d. 165
- e. None of these

Answer: b

Solution:

T 5 \$ % 2 **W** 9 R S @ O 4 8 * + **Z** 3 A B 6 ^ M F #

So, one third of product of the numbers between W and Z is $\frac{1}{3} \times (9 \times 4 \times 8) = 96$

Hence, option b.

Question 8: If all the odd numbers are dropped from the arrangement then which of the following will be third element to the right of the fourth element from the left end of the given arrangement?

- a. 4

- b. @
- c. R
- d. S
- e. None of these

Answer: d

Solution:

T 5 \$ % 2 W 9 R S @ O 4 8 * + Z 3 A B 6 ^ M F #

If all the odd numbers are dropped from the arrangement then the arrangement would be like,

T \$ % **2** W R **S** @ O 4 8 * + Z A B 6 ^ M F #

So, the third element to the right of the fourth element from the left end of the given arrangement is 'S'.

Hence, option d.

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Question 9: How many numbers are there between 4 and M which are immediately preceded by a consonant?

- a. Four
- b. Five

- c. Two
- d. Three
- e. None of these

Answer: c

Solution:

T 5 \$ % 2 W 9 R S @ O 4 8 * + Z 3 A B 6 ^ M F #

As, there are two numbers between 4 and M, which are immediately preceded by a consonant.

Hence, option c.

Question 10: If the numbers between '%' and 'Z' are added, then which of the following number is thrice of the number obtained?

- a. 71
- b. 69
- c. 65
- d. 61
- e. None of these

Answer: b

Solution:

T 5 \$ % 2 W 9 R S @ O 4 8 * + Z 3 A B 6 ^ M F #

When the numbers between % and Z are added, then the sum obtained is $(2 + 9 + 4 + 8) = 23$

Thrice of 23 is 69.

Hence, option b.

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