

**TOPIC: - ALPHA NUMERIC SERIES**

**PRACTICE SET**

**Direction (1-5):** Study the following arrangements carefully and answer the questions given below:

# O P 5 Q 6 \* S E 9 % X Z 1 Y 8 L H 3 T @ A  
U 4 7 2 W

1. If the symbols are dropped from the given arrangement which element will be eighth from the left end?  
a) X  
b) 9  
c) Z  
d) E  
e) None of these
2. How many such numbers are there in the above arrangement each of which is immediately preceded by a vowel?  
a) None  
b) One  
c) Two  
d) Three  
e) None of these
3. How many such consonants are there in the above arrangement each of which is immediately following by a consonant?  
a) None  
b) One  
c) Two  
d) Three  
e) None of these
4. 'O' is related to '\*' in the same as '9' is related to 'Y'. Following the same

pattern, '8' is related to which of the following?

- a) T
  - b) @
  - c) A
  - d) U
  - e) None of these
5. Which of the following is the sixth to the right of the thirteenth from the right end?  
a) @  
b) Y  
c) E  
d) E  
e) None of these

**Direction (6-10):** Study the following arrangement carefully and answer the given questions:

K 2 8 % P # B 3 H \$ G T I A Y E α \* 4 9 L  
U @ 7 C N

6. If all the symbols are dropped from the above arrangement, which of the following will be tenth from the right end?  
a) A  
b) Y  
c) 9  
d) G  
e) None of these
7. How many such consonants are there in the above arrangement each of

which is not immediately preceded by symbols?

- a) None
  - b) One
  - c) Two
  - d) Three
  - e) More than three
8. How many such letters are there in the above arrangement each of which is immediately followed by a number?
- a) One
  - b) Two
  - c) Three
  - d) None
  - e) None of these
9. How much such symbols are there in the above arrangement each of which is not immediately preceded by a consonant but followed by a vowel?
- a) Two
  - b) Three
  - c) Four
  - d) None
  - e) None of these
10. If all the alphabets in the above arrangement are arranged in English alphabetical order within the series, which of the following will be sixteenth from the left?
- a) N
  - b) \*
  - c) L
  - d) K
  - e) 4

**Directions (11-15):** Study the following arrangement carefully and answer the questions given below:

A % D F K E 8 J Q 1 \* V T U 2 \$ W # 6 B  
G @ I L 7 3 H

11. If all the symbols are dropped from the above arrangement, which of the following will be eleventh from the right end?
- a) W
  - b) 2
  - c) U
  - d) T
  - e) None of these
12. How many such letters are there in the above arrangement each of which is immediately followed by a number?
- a) None
  - b) One
  - c) Two
  - d) Four
  - e) None of these
13. How many such symbols are there in the above arrangement each of which is not immediately preceded by a symbol and followed by a vowel?
- a) None
  - b) One
  - c) Two
  - d) Three
  - e) None of these
14. How many such consonants are there in the above arrangement each of which is not immediately preceded by a symbol but followed by a vowel?
- a) One
  - b) Two
  - c) Three
  - d) Four
  - e) None of these

15. How many such vowels are there in the above arrangement each of which is immediately preceded by a number?

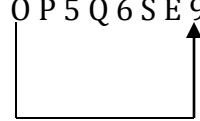
- a) One
- b) Two
- c) Three
- d) Four
- e) None of these



**SOLUTIONS**

1. (b); New arrangement

O P 5 Q 6 S E 9 X Z 1 Y 8 L H 3 T A U 4 7 8 W



Hence the eighth from the left end is 9.

2. (c); E 9U 4
3. (C); X Z, L H
4. (b)
5. (a); Sixth to the right of thirteenth from the right end is  $(13-6)=7^{\text{th}}$  from the right end, i.e. @.
6. (a); New arrangement  
K 2 8 P B 3 H G T 1 A Y E 4 9 L U 7 C N  
Hence, 10<sup>th</sup> from right end is A.
7. (e); K, 3H, GT, AY, 9L, 7C and CN
8. (b); K2 and B3
9. (d);
- 10.(a); New arrangement  
A 2 8 % B # C 3 E \$ G H I K L N ≤ \* 4 9 P T @ 7 U Y  
Hence, sixteenth from the left is N.
11. (c); New arrangement: A D F K E 8 J Q 1 V T U 2 W 6 B G I L 7 3 H.  
Hence, eleventh from right end is U.
- 12.(e); ES, Q1, U2, L7. Hence there are four such letters
- 13.(b); G@ 1
- 14.FKE,VTU
- 15.(e)