

# PAIR FORMATION

Let us look at the different types of the format of the question related with this topic.

## FORMAT OF THE QUESTIONS :

1. How many pairs of letters are there in the word STUDENT, which have the same number of letters between them as in the English alphabet?

- (1) Five (2) Six (3) Seven  
(4) More than seven (5) None of these

Answer 1;



In this question you have to look such pairs in both ways i.e from left to right and from right to left.

2. How many pairs of letters are there in the word POPULATION, which have the same number of letters between them as in the English alphabet?

- (1) Five (2) Six (3) Seven  
(4) Ten (5) None of these

Answer 4;



In this question you have to look such pairs in both ways i.e from left to right and from right to left.

3. How many pairs of letters are there in the word SPONTANEOUS which have number of letters between them in the word one less than the number of letters between them in English alphabet?

- (1) Five (2) One (3) Four  
(4) Two (5) Three

Answer 1;



In each shown pairs there is one letter less than the number of letters between them in English alphabet.

4. How many pairs of letters are there in the word ANTEDILUVIAN which have number of letters between them in the word one more than the number of letters between them in English alphabet?

- (1) One (2) Two (3) Three  
(4) Four (5) None of these

Answer 3;

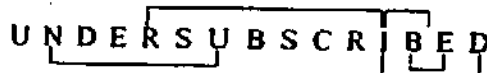


In each shown pairs there is one letter more than the number of letters between them in English alphabet.

5. How many pairs of letters are there in the word UNDERSUBSCRIBED which have number of letters between them in the word two less than the number of letters between them in English alphabet?

- (1) one (2) two (3) three  
(4) four (5) more than four

Answer 5;



In each shown pairs there is two letters less than the number of letters between them in English alphabet.

6. How many pairs of letters are there in the word VALETUDINARIAN which have number of letters between them in the word two more than the number of letters between them in English alphabet?

- (1) 8 (2) 9 (3) 10  
(4) 11 (5) None of these

Answer 1;



Such pairs are VT, LI, ED, UR, EA, IA, RL and DA.

In each shown pairs there is two letters more than the number of letters between them in English alphabet.

7. Which pair of the letters in the word BEAUTIFUL has the same relationship between its letters with respect to their position in the English alphabet as the pair EA in that word has between its letters?

(1) IB (2) LF (3) IE  
(4) FL (5) TL

Answer 3;

B E A U T I F U L

In English alphabet there are three letters between A and E. Similarly, there are only three letters between E and I.

8. How many pairs of letters are there in the word STUDENT which have the same number of letters between them as in the English alphabet sequence?

(1) Five (2) Six (3) Seven  
(4) More than seven (5) None of these

Answer 5;

S T U D E N T

In this question you have to look such pairs according to English alphabet sequence. Therefore, you have to count from left to right only.

9. How many pairs of digits are there in the number 189254367 which have the same number of digits between them as in the number sequence?

(1) Five (2) Six (3) Seven  
(4) More than seven (5) None of these

Answer 4;

1 8 9 2 5 4 3 6 7

In this question you have to look such pairs according to number sequence. Therefore, you have to count from left to right only.

10. How many pairs of digits are there in the number 4683752 which have the same

number of digits between them as in the number sequence?

(1) None (2) One (3) Two  
(4) Three (5) None of these

Answer 2; 4 6 8 3 7 5 2

In this question you have to look such pairs according to number sequence. Therefore, you have to count from left to right only.

11. How many such pairs of digits are there in the number 254983 each of which has as many digits between them in the number as when the digits are rearranged in descending order within the number?

(1) None (2) One (3) Three  
(4) Five (5) More than five

Answer 5;

2 5 4 9 8 3  
9 8 5 4 3 2

12. The positions of how many digits in the number 5321648 will remain unchanged after the digits are rearranged in ascending order within the number?

(1) None (2) One (3) Two  
(4) Three (5) More than three

Answer 2;

Given Number : 5 3 2 1 6 4 8  
Ascending Order : 1 2 3 4 5 6 8

Position of only one digit '8' remains unchanged.

13. The positions of how many digits in the number 59164823 will remain unchanged after the digits are rearranged in descending order within the number?

(1) None (2) One (3) Two  
(4) Three (5) More than three

Answer 3;

Given Number : 5 9 1 6 4 8 2 3  
Descending Order : 9 8 6 5 4 3 2 1

Positions of 4 and 2 remain unchanged.

**Exercise:**

1. How many pairs of letters are there in the word DIPLOMACY which have the same number of letters between them as in English alphabet?  
(1) Three (2) Four (3) Five  
(4) Six (5) None of these
2. How many pairs of letters are there in the word POPULATION which have the same number of letters between them as in English alphabet?  
(1) Five (2) Six (3) Seven  
(4) More than seven (5) None of these
3. How many pairs of letters are there in the word PROBATIONARY which have as many letters between them as in the English alphabet?  
(1) Two (2) Three (3) Four  
(4) Five (5) None of these
4. How many pairs of letters are there in the word MEDITATION which have the same number of letters between them as in English alphabet?  
(1) Three (2) Four (3) Five  
(4) Six (5) None of these
5. How many pairs of letters are there in the word GUIDELINES which have the same number of letters between them as in English alphabet?  
(1) Three (2) Five (3) Six  
(4) Four (5) None of these
6. How many pairs of letters are there in the word SECRETARIES which have the same number of letters between them as in English alphabet?  
(1) Two (2) Three (3) Four  
(4) Five (5) None of these
7. How many pairs of letters are there in the word BASKETBALL which have the same number of letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
8. How many pairs of letters are there in the word ROMANTICISM which have the same number of letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
9. How many pairs of letters are there in the word TECHNOCRATIC which have the same number of letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
10. How many pairs of letters are there in the word COMMERCIAL which have as many letters between them as in the alphabet?  
(1) Five (2) Six (3) Seven  
(4) Eight (5) None of these
11. How many pairs of letters are there in the word PRAKASHAN which have the same number of letters between them as in English alphabet?  
(1) Two (2) Three (3) Four  
(4) Nil (5) None of these
12. How many pairs of letters are there in the word SUPPOSITION which have the same number of letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
13. How many pairs of letters are there in the word STATIONMASTER which have the same number of letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
14. How many pairs of letters are there in the word PHARMACEUTICALS which have as many letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
15. How many pairs of letters are there in the word INTEGRATION which have the same number of letters between them as in English alphabet?  
(1) Four (2) Five (3) Six  
(4) Seven (5) None of these
16. How many such digits are there in the number 27561493 each of which is as far away from the beginning of the number as when the digits are arranged in descending order within the number?  
(1) None (2) One (3) Two  
(4) Three (5) More than three

17. In the number 7524693 how many digits will be as far away from the beginning of the number if digits are arranged in ascending order as they are in the number?

- (1) None (2) One (3) Two  
(4) Three (5) More than three

18. In the number 254983 how many digits are there which have as many digits in between them as there are in the number when arranged in descending order?

- (1) None (2) One (3) Two  
(4) Three (5) More than three

19. In the number 59164823 how many digits will be as far away from the beginning of the number if digits are arranged in descending order as they are in the number?

- (1) None (2) One (3) Two  
(4) Three (5) More than three

20. In the number 5321648 how many digits will be as far away from the beginning of the number if digits arranged in ascending order as they are in the number?

- (1) None (2) One (3) Two  
(4) Three (5) More than three

6. 4; SECRETARIES

7. 5; WASTEBASKET

8. 1; ROMANTICISM

9. 1; TECHNOCRATIC

10. 3; COMMERCIAL

11. 5; PRAKASHAN

12. 5; SUPPOSITION

13. 5; STATIONMASTER

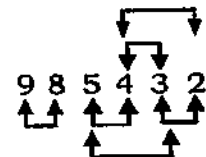
14. 2; PHARMACEUTICALS

15. 1; INTEGRATION

16. 2; Given Number : 2 7 5 6 1 4 9 3  
Descending Order : 9 7 6 5 4 3 2 1

17. 1; Given Number : 7 5 2 4 6 9 3  
Ascending Order : 2 3 4 5 6 7 9

18. 5; Given Number : 2 5 4 9 8 3

Middle digits : 

19. 3; Given Number : 5 9 1 6 4 8 2 3  
Descending Order : 9 8 6 5 4 3 2 1

20. 2; Given Number : 5 3 2 1 6 4 8  
Ascending Order : 1 2 3 4 5 6 8

### Answers and Explanations:

1. 1; DIPLOMACY

2. 4; POPULARIZATION

3. 2; PROLATIONARY

4. 3; MEDITATION

5. 5; GUIDELINES