

SESSION : 6

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 2

CHAPTER NAME : INDIAN NUMBER SYSTEM

SUBTOPIC : Ordering of numbers

Discussion of Exercise - 2 A Q. No 8 to 12

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Enable the students

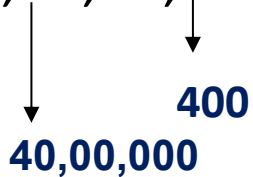
- To know the place values properly.
- Ordering of the numbers.
- Formation of largest and smallest numbers using various digits.

Ex-2-A:

Q. No 8—Find the difference between the place value of:

a) The two 4s in 7,48,65,421

Sol- 7,48,65,421



$$\text{Difference} = 40,00,000 - 400 = \boxed{39,99,600}$$

b) The two 8s in 18,36,84,792

$$\text{Sol- } \boxed{8,00,00,000} - \boxed{80,000} = \boxed{7,99,20,000}$$

c) The two 5s in 56,25,70,083

$$\text{Sol- } \boxed{50,00,00,000} - \boxed{5,00,000} = \boxed{49,95,00,000}$$

9. Arrange the following in ascending and descending order

a) 23,16,348; 8,62,16,438; 8,26,99,678; 45,42,18,089

Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousands	Thousands	HUNDREDS	TENS	ONES
		2	3	1	6	3	4	8
	8	6	2	1	6	4	3	8
	8	2	6	9	9	6	7	8
4	5	4	2	1	8	0	8	9

Ascending order- **23,16,348;** **8,26,99,678;** **8,62,16,438;** **45,42,18,089**

Descending order- **45,42,18,089** **8,62,16,438;** **8,26,99,678;** **23,16,348;**

9. Arrange the following in ascending and descending order

b) 3,46,616; 95,949; 24,26,16,800; 88,95,919

Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousands	Thousands	HUNDREDS	TENS	ONES
			3	4	6	6	1	6
				9	5	9	4	9
2	4	2	6	1	6	8	0	0
		8	8	9	5	9	1	9

Ascending order- 95,949; 3,46,616; 88,95,919; 24,26,16,800

Descending order- 24,26,16,800; 88,95,919; 3,46,616; 95,949

Ex-2-(A)

10 Write the smallest and the largest number using each digit only once:

The smallest Number

- (a) 3, 4, 5, 6, 9, 8, 1 1 3, 4 5, 6 8 9
2,34,56,789
- (b) 3, 5, 7, 9, 2, 4, 6, 8 1,02,34,567
2,04,56,789
- (c) 1, 2, 3, 0, 4, 5, 6, 7 2,03,45,789
- (d) 0, 9, 8, 6, 5, 4, 7, 2
- (e) 3, 5, 7, 9, 2, 0, 4, 8

The largest Number

- 9 8, 6 5, 4 3 1
9,87,65,432
- 7,65,43,210
- 9,87,65,420
- 9,87,54,320

NB- For making the smallest number, if 0 is there then it always comes in the second place.

Ex-2-(A)

11 Which is the largest :

(a) 5 digit number 99,999

(b) 6 digit number 9,99,999

(c) 7 digit number 99,99,999

(d) 8 digit number 9,99,99,999

12 Which is the smallest:

(a) 5 digit number 10,000

(b) 6 digit number 1,00,000

(c) 7 digit number 10,00,000

(d) 8 digit number 1,00,00,000

LEARNING OUTCOME:

Students are able to identify

- ❖ **difference between the various place values**
- **Ordering of the numbers.**
- **Formation of largest and smallest numbers using various digits.**

HOME WORK-

Complete exercise 2 A Q. No 8 to 12 in the notebook

THANKING YOU
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