

**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**

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**CHANGING YOUR TOMORROW**

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## LEARNING OBJECTIVE :

Enable the students

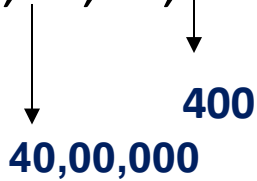
- To know the place values properly.
- Ordering of the numbers.
- Formation of largest and smallest numbers using various digits.

**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



Difference = 40,00,000 – 400 = **39,99,600**

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

**Sol-** 8,00,00,000 - 80,000 = 7,99,20,000

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

**Sol-** 50,00,00,000 - 5,00,000 = 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

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

(c) 1, 2, 3, 0, 4, 5, 6, 7

2,04,56,789

(d) 0, 9, 8, 6, 5, 4, 7, 2

2,03,45,789

(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

**HOME WORK-**

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



# 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.

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**