

## CLASS 6 : MATHEMATICS

### TOPIC : NUMBERS

#### RECAPITULATION :-

- A number is a mathematical value used to count and measure different objects. With the help of the numbers we all are able to add, subtract, divide and multiple.
- The number with most number of digits is the largest number by magnitude and the number with least number of digits is the smallest number.
- The number with highest leftmost digit is the largest number. If this digit also happens to be the same, we look at the next leftmost digit and so on.
- Ascending order: Arranging numbers from the smallest to the greatest.
- Descending order: Arranging numbers from the greatest to the smallest number.
- Changing the position of digits in a number, changes magnitude of the number, Example:  
Consider a number 789. If we swap the hundredths place digit with the digit at units place, we will get 987 which is greater than 789. Similarly, if we exchange the tenths place with the units place, we get 798, which is greater than 789.
- Each place in a number, has a value of 10 times the place to its right.  
Example: Consider number 789.  
(i) Place value of 7 = 700  
(ii) Place value of 8 = 80  
(iii) Place value of 9 = 9

#### WORKSHEET:-

1. Which one is larger ?
  - (a) 721 or 2624
  - (b) 464 or 5672
  - (c) 7314 or 31417
  - (d) 18 or 180
2. Compare the following numerals .
  - 31039\_ 31093
  - 38384\_ 38382
  - 68456\_ 69349
  - 79909\_ 79990
  - 87888\_ 78888
  - 7314\_ 31417
  - 71474\_ 8176

3. *Arrange In ascending order:*

- 847,9754,8320,571
- 70897,78720,54123,51024,747
- 66789,76689,6767,67788,55666

4. *Arrange in descending order:*

- 5000,7500,85400,7861
- 13019,19031,11901,9031,10931
- 91045,51091,51075,1075,75507

5. *Using digits 4 , 5 , 6 , 0 ,7 and 8 make 5 numbers each with 6 digits. Put commas for care of reading . Arrange them in ascending and descending order .*

6. *Using digits 4 , 5 , 6 , 7 , 8 and 9 . Make any 3 numbers each with 8 digits . Put commas for care of reading.*

7. *Do exercise read and expand the numbers in page number 15 from the text book .*

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