

NATIONAL PRIMA TALENT OLYMPIAD EXAMINATIONS

CLASS V

MATHEMATICS

NUMBER SYSTEM

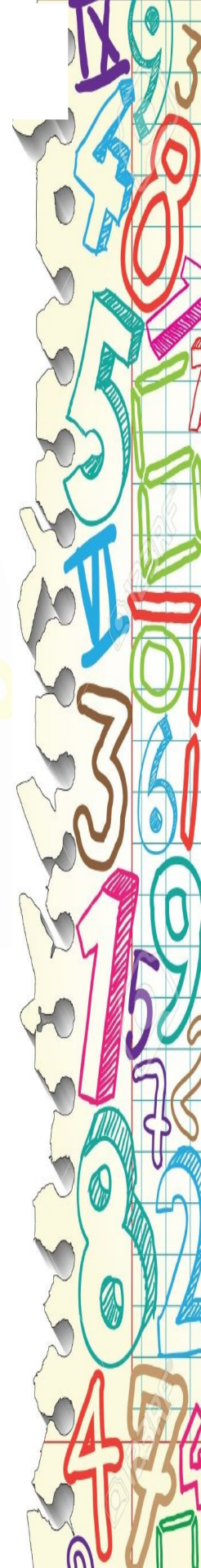
- Indian and International Number names of 7 and 8 digit numbers
- Place values
- Ordering numbers
- Estimating numbers
- Rules for writing roman numerals

OPERATIONS ON LARGE NUMBERS

- Addition and Subtraction of large numbers with 7 or 8 digits.
- 3-digit multiplication.
- Division by 2-digit numbers.
- Divisibility rules and word problems.
- Properties of addition, subtraction, division and multiplication.
- Estimation of addition, subtraction, division and multiplication in real life situation.

FRACTIONS

- Identifying fractions with shaded figures
- Types of fractions
- Comparing fractions
- Converting mixed numbers into improper fractions
- Word problems in addition and subtraction of like fractions



PATTERNS AND SEQUENCES

- Finding the missing number
- Word problems in number patterns
- Word problems with extra or missing information

MONEY

- Add and subtract amounts
- Word problems on adding, subtracting, multiplying and dividing money
- Interpret price lists and unit prices

TIME

- Time patterns
- A.M and P.M word problems
- Elapsed time calculation
- Find start time and end time
- Transportation schedules – 12 hours and 24 hour

GEOMETRY

- Geometrical shapes and solids
- Lines and angles
- Perimeter of various shapes
- Area of square and rectangle
- Area of closed figures using unit squares
- Area and perimeter word problems

DATA HANDLING

- Reading a table
- Interpret and create bar graphs
- Interpret and create line plots
- Frequency charts
- Interpret a pictograph

