

MATHEMATICS

Prescribed Book : Number magic (Ratna Sagar)

HALF YEARLY

Unit Test - 1

- Chapter - Integers
- Chapter - Fractions
- Chapter - Decimals

Unit Test - 2

- Chapter - Lines and Angles
- Chapter - Data Handling - Mean, Median & Mode

HALF YEARLY

- Chapter - Integers
- Chapter - Fractions
- Chapter - Decimals
- Chapter - Rational Numbers
- Chapter - Data Handling - Mean, Median and Mode
- Chapter - Lines and Angles
- Chapter - Parallel lines
- Chapter - Comparing Quantities I - Ratio and Proportions
- Chapter - Algebraic Expressions
- Chapter - Visualising solid shapes

Unit Test - 3

- Chapter - Comparing Quantities II - Percentage, Profit and Loss.
- Chapter - Practical Geometry
- Chapter - Data handling - Probability

Unit Test - 4

- Chapter - Comparing Quantities II - Simple Interest
- Chapter - Data handling - Bar graphs
- Chapter - Triangle and Its Properties.

ANNUAL EXAMINATION

- Chapter - Comparing Quantities II - Percentage, Profit and Loss, Simple Interest
- Chapter - Practical Geometry
- Chapter - Data Handling - Probability
- Chapter - Data Handling - Bar graphs
- Chapter - Triangle and its properties
- Chapter - Simple Equations
- Chapter - Congruence
- Chapter - Perimeter and Area
- Chapter - Exponents and Powers
- Chapter - Symmetry

* Whole Syllabus will be included in Annual Examination.

ACTIVITY

- To multiply fractions experimentally (U.T -1)
- To multiply the decimal numbers by activity method. (U.T-1)
- To verify that if two straight lines intersect at a point, then the vertically opposite angles are equal. (U.T-1)
- To verify that if two parallel lines are cut by a transversal, then the angles of each pair of corresponding angles are equal. (Half yearly)
- To find the value of the given algebraic expression consisting of one variable for different values of the variable by activity method. (Half Yearly)
- To find the sum of two rational numbers. (Half Yearly)
- To evaluate percent of a number by using estimation. (U.T-3)
- To find the other specification required for constructing a right triangle under different criterion if the measure of a side and an angle are given. (U.T -3)
- To find if the group of given natural numbers is a pythagorean triplet. (U.T -4)
- To conclude that the amount earned as simple interest remains same in case interest is earned annually or semi annually. (U.T -4)
- To verify the formula for the area of a circle. (Annual)
- To find the values of 2^0 , 1^1 , 2^2 , 2^3 by paper folding. (Annual)
- To determine the order of rotational symmetry of a parallelogram when it is rotated about the point of intersection of its diagonals. (Annual)