

THE BSS SCHOOL

SYLLABUS 2026-27

MATHEMATICS

CLASS VII

Book : Foundation Mathematics for class 6- By R .S .Aggarwal

UNIT TEST

- 1) Number system
 - Integers
 - Fractions
 - Decimals
 - Rational numbers
- 2) Geometry
 - Fundamental Geometrical concepts
 - Lines and Angles

HALF YEARLY EXAMINATION

- 1) Number system
 - Sets
- 2) Ratio and Proportion
 - Ratio and Proportion
 - Unitary method(Direct and Inverse variation)
 - Percentage
 - Profit and Loss
- 3) Algebra
 - Algebraic Expressions
 - Simple linear equation in one variable(Only solving)
- 4) Geometry
 - Constructions of angles using compass - $30^\circ, 60^\circ, 120^\circ, 180^\circ, 90^\circ, 45^\circ, 75^\circ, 105^\circ, 135^\circ$ (*Revision*)
 - Properties of Triangles
 - Construction of simple Triangles

(All chapters of unit test are included)

FINAL EXAMINATION

- 1) Number system
 - Exponents

- 2) Ratio and Proportion
 - Simple Interest (Time in years)
 - Speed , Distance, Time
- 3) Algebra
 - Problems based on linear equations
 - Linear Inequalities
- 4) Geometry
 - Congruence
 - Symmetry
 - Representing 3-D in 2-D
 - Construction
 - Construction of line parallel to a given line from a point outside it
- 5) Mensuration
 - Mensuration
- 6) Data handling
 - Data Handling
 - Probability

(All chapters of Half yearly examination are included)