

THE BSS SCHOOL
SYLLABUS 2026-27
MATHEMATICS
CLASS-VIII

Book: Foundation Mathematics Book-8 by R.S. Agarwal

UNIT TEST:

1. Number System
 - Rational Numbers
 - Exponents and Powers
2. Geometry
 - Quadrilaterals

HALF YEARLY EXAMINATION

1. Number System

- Rational Numbers
- Exponents and Powers
- Squares and Square Roots
- Cubes and Cube Roots
- Playing With Numbers
- Sets

2. Algebra

- Fundamentals Concepts & Operations on Algebraic Expressions
- Algebraic Identities
- Factorisation
- Linear Equations (only solving)

3. Ratio and Proportion

- Ratio and Proportion
- Percentage
- Profit & Loss, Discount & Tax

4. Geometry

- Quadrilaterals
- Three-Dimensional Solids
- Construction of Quadrilaterals
- Circles

FINAL EXAMINATION

1. Algebra

- Linear Equations (Word Problems)
- Linear Inequations

2. Ratio and Proportion

- Simple Interest and Compound Interest
- Direct and Inverse Variation
- Time and Work

3. Geometry

- Symmetry

4. Mensuration

- Perimeter & Area of Plane Figures
- Volume & Surface Area of Solids

5. Data Handling

- Statistics
- Graphical Representation of Statistical Data
- Probability

(REVISION OF ALL CHAPTERS OF 1st TERM SYLLABUS)
