BIRLA BHARATI

(Affiliated to C.B.S.E New Delhi)

ADMISSION TEST SYLLABUS 2026-27

CLASS IX

ENGLISH

- WRITING AND READING SKILL
    - Letter Writing (formal)
    - Composition
    - Comprehension
- GRAMMAR
    - Determiner
    - Adjectives
    - Pronouns
    - Voice
    - Direct and Indirect speech
    - Tenses

MATHEMATICS

1. Lines and Angles: Pairs of various angles, Parallel lines and transversal, Angles formed by transversal.

2. Properties of Triangles: Elements of Triangles, Interior and Exterior of Triangles, Types of Triangles, Properties of Triangles, Pythagoras Theorem.

3. Congruence of Triangles: Congruence of Plane Figures, Congruence of Triangles

4. Algebraic Expressions: Addition and Subtraction, Multiplication of monomials, Finding value, Finding the value of Algebraic Expressions (Application of real life sums).

5. Powers: Powers of Integers, Laws of Exponents.

6. Linear Equation in One Variable: Solving Linear Equation by Balancing and Transpose method, Solving Linear Equation by Cross Multiplication method, Applications of Linear Equations.

7. Perimeter and Area: Perimeter of Polygons, Perimeter of Circle, Area of 2D figures, Area of Parallelogram, Area of Triangles, Area of Circle.

8. Multiplication and Division of Decimals: Multiplication of Decimals, Division of Decimals.

9. Square and Square Roots: Properties of square number, Pythagorian Triples, Methods of finding square roots, Square roots of fractions and decimals.

10. Unitary Method and Percentage: Ratio, Proportion and Unitary Method, Percentage, Application of percentage, Profit and Loss, Profit and Loss percentage