



# **BIRLA BHARATI**

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

## **ADMISSION TEST SYLLABUS 2026-27**

### **CLASS VIII**

#### **ENGLISH**

- Comprehension Passage.
- Composition
- Letter writing (informal)
- Grammar:
  - Determiners
  - Parts of Speech (Nouns, Adjectives, Adverbs, Pronouns)
  - Tenses
  - Subject Verb Agreement

#### **MATHEMATICS**

- 1. Decimals:** Place Values, Types of Decimals, Comparisons, Addition, Subtraction and Application.
- 2. Ratio and Proportions:** Ratio, Proportion, Unitary Method.
- 3. Identifying 3d Shapes:** Faces, Vertices, Edges, Different types of 3D shapes, 3D solids with curved sides.
- 4. Data Handling:** What is Data Handling, Collecting and Organizing Data, Representation of Data.
- 5. Perimeter and Area:** Perimeter, Area.
- 6. Playing With Numbers:** Factors and Multiples, Prime and Composite Numbers, Test of Divisibility, Properties of Divisibility, Prime Factorization, HCF, LCM, Properties of HCF and LCM.
- 7. Constructions:** Construction of Line segments, Construction of Circles, Constructions using Ruler and Compass.
- 8. Integers:** Properties of Addition and Subtraction, Multiplication and its properties, Division and its properties.
- 9. Multiplication and Division of Fractions:** Multiplication of fractions, Division of fractions.
- 10. Linear Equation:** Concept of Linear Equation, Solving equation by Simultaneous method, Solving equation by Transpose method, Application of Linear equation.
- 11. Lines and Angles:** Pairs of various angles, Parallel lines and transversal, Angles formed by transversal.