

**THE BSS SCHOOL**

**SYLLABUS 2025-26**

**MATHEMATICS**

**CLASS – VI**

Book ICSE Understanding Mathematics Part-6 ( M .L Aggarwal) APC Publications.

**UNIT TEST:**

**1)Number system**

Knowing our numbers, Whole numbers, Integers.

**2)Fractions and decimals**

**3)Lines and angles-**

- Measuring line segment with scale
- Measuring angles using protractor.

**HALF YEARLY EXAMINATION**

**1)Number system-**

- Playing with numbers
- Sets

**2) Ratio and proportion**

**3)Algebra-**

- From introduction till algebraic expressions

**4)Geometry-**

- Construction of perpendicular bisector of line segment
- Construction of angle bisector
- Curves
- Triangle
- Quadrilateral
- Circle
- Understanding elementary shapes of 2D and 3D
- Constructions of angles using compass-  $60^\circ$ ,  $120^\circ$ ,  $180^\circ$ ,  $30^\circ$ .

**(ALL CHAPTERS OF UNIT TEST ARE INCLUDED)**

## **FINAL EXAMINATION**

### **1)Algebra-**

- Addition and subtraction of algebraic expressions
- Linear equations

### **2)Geometry-**

- Symmetry
- **Constructions-**
  - Constructions of angles using compass  $90^\circ, 45^\circ, 75^\circ, 105^\circ, 135^\circ$ .
  - Angle equal to given angle using compass.
  - Drawing a line perpendicular to a given line from a point: a)on the line b)outside the line
  - Construction of a circle

### **3)Mensuration**

### **4)Data handling**

**(ALL CHAPTERS OF FIRST TERM ARE INCLUDED)**

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