

SYLLABUS for Grade - 5:

A.	BASIC CALCULATIONS
1.	Large Numbers
2.	Indian System of Numeration
3.	International System of Numeration
4.	Operations on Large Numbers (Addition, Subtraction, Multiplication, Division)
5.	Roman Numerals
6.	Metric System
B.	SIMPLIFICATION
1.	Simplification using: • D- MAS • BODMAS
2.	Rounding of Numbers
3.	Approximation/ Estimation
4.	Fractions
5.	Operations of Fractions (Basic – Intermediate)
6.	Decimals
7.	Operations of Decimals (Basic – Intermediate)
8.	Integers
9.	Operations of Integers (Basic – Intermediate)
10.	Division Algorithm
C.	NUMBER SYSTEM
1.	Whole Number
2.	Prime and Composite Numbers

D.	HCF & LCM
1.	Test of Divisibility
2.	Factors and Multiples
3.	Prime Factorization
4.	Concepts of HCF and LCM
5.	Problems on HCF and LCM
E.	ARITHMETIC
1.	Ratio and Proportion
2.	Unitary Method
3.	Average
4.	Percentage
F.	ALGEBRA
1.	Concepts of Algebra (Basic – Intermediate)
2.	Operations on Algebraic Expressions (Basic – Intermediate)
G.	GEOMETRY
1.	Introduction to Geometry
2.	Lines and Angles (Basic – Intermediate)
3.	Triangles (Basic – Intermediate)
4.	Circles (Basic – Intermediate)
H.	STATISTICS
1.	Measures of Central Tendency (Mean)
2.	Median, Quartiles and Mode