



OWRELYUS

EMPOWERING MINDS. ENRICHING FUTURES.



OWRELYUS OLYMPIAD

SCHOLARSHIP EXAM

SYLLABUS – MATHEMATICS

CLASS 4

123

UNIT 1: LARGE NUMBERS

- Indian and International Place Value System
- Reading and Writing Numbers
- Expanded and Standard Form
- Comparing and Ordering Numbers
- Ascending and Descending Order
- Rounding Numbers
- Successor and Predecessor



UNIT 6: FRACTIONS

- Understanding Fractions
- Types of Fractions (Proper, Improper, Mixed)
- Like and Unlike Fractions
- Equivalent Fractions
- Comparing Fractions
- Addition and Subtraction of Fractions (Like Fractions)



UNIT 2: ADDITION AND SUBTRACTION

- Addition (Without and With Regrouping)
- Subtraction (Without and With Regrouping)
- Properties of Addition and Subtraction
- Word Problems



UNIT 7: DECIMALS

- Understanding Decimals
- Reading and Writing Decimals
- Comparing Decimals
- Addition and Subtraction of Decimals
- Conversion of Decimal to Fraction



UNIT 3: MULTIPLICATION

- Multiplication of 2, 3 and 4 Digit Numbers by 1 Digit Number
- Multiplication of 3 and 4 Digit Numbers by 2 Digit Numbers
- Properties of Multiplication
- Word Problems



UNIT 8: MEASUREMENT

- Length (km, m, cm, mm)
- Weight (kg, g)
- Capacity (l, ml)
- Time (Calendar, Clock, 12-hour and 24-hour format)
- Money (₹)
- Conversion of Units
- Word Problems



UNIT 4: DIVISION

- Division (2 and 3 Digit by 1 Digit)
- Division with Remainder
- Properties of Division
- Word Problems



UNIT 9: PERIMETER, AREA AND VOLUME

- Perimeter of Square and Rectangle
- Area of Square and Rectangle
- Volume and Capacity
- Word Problems



UNIT 5: FACTORS AND MULTIPLES

- Factors and Multiples
- Prime and Composite Numbers
- HCF and LCM
- Word Problems



UNIT 10: DATA HANDLING

- Collecting and Organizing Data
- Pictographs
- Bar Graphs
- Interpretation of Data

EXAM PATTERN



Objective Type (MCQs)



Time 60 Minutes



Total Questions 50



Total Marks 50



No Negative Marking

BENEFITS OF PARTICIPATION

- ★ Enhances problem solving skills
- ★ Builds confidence and accuracy
- ★ Encourages logical thinking
- ★ Prepares for future academic success
- ★ Exciting awards and scholarships



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