ARMY PUBLIC SCHOOL KALUCHAK
ENTRANCE EXAMINATION SYLLABUS
SESSION 2026-27
CLASSES II- VI

Subject : Mathematics

(Entrance for Class II)

1. Counting – 1 to 100
2. Number names – 1 to 100
3. Numerals
4. Ordinal number
5. Addition and Subtraction
6. Increasing and Decreasing order
7. After , Before and Between
8. Comparison of numbers
9. Patterns
10. Time
11. Shapes
12. Money
13. Place value
14. Tables (2 to 10)

(Entrance for Class III)

1. Counting – (1 to 100)

2. Number names

3. Numerals

4. Ordinal number

5. Addition (with regrouping)

6. Subtraction (with regrouping)

7. Increasing and Decreasing order

8. After , Before and Between

9. Comparison of numbers

10. Patterns

11. Time (concept of o' clock and half past)

12. Shapes (2D and 3 D)

(Entrance for Class IV)

Chapter : Addition
Sub Topic:(Properties of Addition, 3-digit number and 4-digit number addition, Word Problems)

Chapter: Subtraction
Sub – Topic: Properties of Subtraction, 3-digit number and 4-digit number,Subtraction and check also,Word Problems

Chapter :Multiplication
Sub – Topic: (Properties of Multiplication, 1-digit number and 2-digit number Multiplication, Continued Multiplication, Word Problems)

Chapter:Division
Sub – Topic: Properties of Division, Division by 1-digit number and Division by 10, Simplification, Word Problems

Chapter: Fraction
Sub – Topic: Fraction as a part of whole, Fraction names, Fraction as a part of collection, Numerator, Denominator, Equivalent fractions

Chapter : Money
Sub – Topic: Writing of Rupees and Paise, Conversion Rupees into paise and vice versa, Addition and Subtraction of Money, Multiplication and Division of Money, Word Problems

Chapter : Geometry
Sub – Topic: 2-D Shapes(Basic Shapes), 3-D Shapes, Symmetry

Chapter :Conversions
Sub – Topic: Metres to centimeters, Kilogram to gram, Litre to millilitres, Hours into minutes

Chapter : Time

Sub - Topic : Calendar facts(leap year,fortnight)

(Entrance for Class V)

TOPIC : Number and Numeration (5 digit numbers)
Sub -Topics : Number Names, Number in Figures, Expanded Form and short, Place and face value, Successor Predecessor, Formation of Smallest and Greatest Numbers , Ascending and Descending order.

TOPIC : Addition and Subtraction
Sub- Topic: Addition and subtraction of Numbers (upto4-digit), Word Problems.

TOPIC : Multiplication
Sub-Topic: Multiplication, Continued Multiplication, Word Problems on Multiplication

TOPIC: Division
Sub – Topic: Division by 1-digit number, 2- digit number and Division by 10 and100, Word Problems

TOPIC: Fraction
Sub – Topic: Fraction names, Equivalent Fractions, Types of Fraction, Addition and Subtraction of Like Fraction, Comparison of Fractions.

TOPIC : Money
Sub – Topic: Writing of Rupees and Paise, Conversion of Rupees into paise and vice versa.

TOPIC : Area and Perimeter
Sub – Topic: Polygons, Perimeter of shapes
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TOPIC : Conversions
Sub – Topic: Time ,weight and capacity .Conversion of units of length and Time.

(Entrance for Class VI)

TOPIC :Number and Numeration (7- digit numbers)
Sub- Topic: Reading Numbers ,Indian and International Place value, Place Value and Expanded Form, Formation of Greatest and Smallest Numbers upto

TOPIC : Measurement
Sub- Topic: Conversion of Smaller Units into bigger units and vice versa Fundamental operation on Length, Weight and Capacity measures and Word problems.

TOPIC :Perimeter and Area
Sub- Topic: Perimeter and Area of Rectangle and Square.

TOPIC: Geometry
Sub- Topic: 2d and 3d Shapes and Angles, Circle, polygons,Types of Angles, Perpendicular and Parallel Lines, Types of Symmetry.

TOPIC: Time
Sub- Topic: Conversion of Higher unit into lower unit and vice versa, Duration of an activity and Finding time.

TOPIC : Fraction and Decimal
Sub- Topic: Types of Fraction and decimals, Multiplication of Fraction and decimal and Word Problems.

TOPIC : Smart Charts
Sub- Topic: Pictographs and bar graphs.