
Index 5th Math

Chapter Name

- 1) **Number Knowledge**
 - a. Indian and International Number System
 - b. Face Value and Place Value
 - c. Roman Number System
 - d. Questions on 1 to 100 numbers
 - e. Number Types
- 2) **Operation on numbers**
 - a. Addition of numbers
 - b. Subtraction of numbers
 - c. Word problems on Addition & Subtraction
 - d. Multiplication of numbers
 - e. Properties of Multiplication
 - f. Division of numbers
 - g. Properties of Division
 - h. Word Problems On Multiplication & Division
- 3) **Mathematical Expressions**
 - a. Numerical & Non Numerical Expressions
 - b. Order of Operation In

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- Mathematical Expression
 - c. Uses of Bracket
 - d. Removal of Bracket
- 4) **Divisibility Test**
 - a. Divisibility by 2, 3, 4, 5, 6, 7, 8, 9, 10 & 11
 - b. Problems on divisibility test
- 5) **Introduction to Integers**
 - a. Negative, Positive & natural integers
 - b. Representation of Integers on a number line
 - c. Addition of Integers on a number line
 - d. Rules to add Integers
 - e. Rules to subtract Integers
- 6) **Units of Measurements**
 - a. Measuring Mass
 - b. Measuring Length
 - c. Measuring Capacity
 - d. Measurement of time
 - e. Understanding calendar

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- 7) **Fraction**
- a. Terminology of fraction
 - b. Understanding concept of fraction
 - c. Representation of a fraction
 - d. Equivalent Fraction
 - e. Properties of Equivalent Fraction
 - f. Like and Unlike
 - g. Comparison Like fractions
 - h. Comparisons of fractions having same numerator.
 - i. Order and compering of fractions
 - j. Types of fraction
- 8) **Introduction to Geometric Concepts**
- a. Points, Line, segment, ray & curve
 - b. Two dimensional shapes - triangle, rectangle, square and circle
 - c. 3 D Shapes - Cube, cuboid, sphere Cylinder, cone, prism,

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- pyramid
- d. Angles and types of angles
 - i. Identification & Measuring of an angle
 - ii. Types of angle
 - e. Triangles and types of angles
 - f. Perimeter of triangle
 - g. Area of triangle
 - f. Quadrilaterals and it's types
 - i. Parts of quadrilaterals
 - ii. Types of quadrilaterals & their properties Square, Rectangle Rhombus, Parallelogram, Trapezium Kites
 - iii. Elements of quadrilaterals

Index 5th Science

Chapter Name

1) **Our Surrounding - Waste & Pollution**

- a) A Clean Environment
- b) Disposal of waste
- c) Benefits of Recycling
- d) Pollution & its types

2) **Our Body & Our Health**

- a) Common Phenomenons
- b) Human Body System
- c) Healthy Habits
- d) Food For Your Brain
- e) Healthy & Unhealthy food

3) **Diseases**

- a) Types of diseases

4) **Earth**

- a) Study of important concepts

5) **Measurement**

6) **Matter**

- a) Physical Properties of

Chapter Name

Matter.

- b) Three States of Matter
- c) Changes in state of Matter
- d) Solute, solvent & solution

7) **Energy**

Index 5th Aptitude

Chapter Name

- 1) **Comprehension**
 - a) Alphabet series
 - b) Sign series
 - c) Comprehension by information
 - d) Logical Sequence of word
 - e) Digit & number series
- 2) **Classification**
 - a) Classification of words & alphabets
 - b) Classification of numbers
 - c) Classification of figure
- 3) **Series/sequence**
 - a) Number series
 - b) Figure series
 - c) Sign series
 - d) Alphabet series
 - e) Find the wrong term
- 4) **Logical reasoning & figure analysis**
 - a) **Verbal**
 - i) Comparison
 - ii) Analysis/Tabulation
 - iii) Age
 - iv) Relationship
 - v) Number Substitution
 - vi) Statement and Assumption
 - vii) Venn Diagram

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- b) **Non Verbal**
 - i) Completing the figure
 - ii) Mirror Image
 - iii) Reflection
- 5) **Analogy**
 - a) Word similarity
 - b) Letter similarity
 - c) Number similarity
 - d) Figure similarity
- 6) **Code Language**
 - a) Use of numbers in place of letters
 - b) Mix Letter Coding
 - c) Mix Number Coding
- 7) **Term matching the group**
 - a) Figures matching the group
 - b) Number matching the group
 - c) Word matching the group
- 8) **Puzzle Questions**
 - a) Place in row
 - b) Direction
 - c) Calendar
 - c) Number coding square, circle and figure
 - d) Cube
 - e) Pyramid