

MATHEMATICS

CLASS VIII

CURRICULAR CONTENTS

Unit I: Number System

1. Rational Numbers
2. Rational Numbers: Powers
3. Squares and Square Roots
4. Cubes and Cube Roots
5. Playing with Numbers

Unit II: Algebra

6. Algebraic Expressions and Identities
Maths Lab Activity
7. Factorisation
Maths Lab Activity
8. Linear Equations

Unit III: Commercial Mathematics

9. Profit and Loss
10. Simple and Compound Interest
11. Direct and Inverse Variations

Unit IV: Geometry

12. Understanding Shapes
13. Representing 3D in 2D
Maths Lab Activity
14. Construction of Quadrilaterals
Maths Lab Activity

Unit V: Mensuration

15. Area of Polygons
Maths Lab Activity
16. Surface Area and Volume
Maths Lab Activity

Unit VI: Data Handling

17. Bar Graphs and Pie Charts
18. Probability

Unit VII: Introduction To Graphs

19. Introduction to Graphs

Financial Education

Term 1: Goods and Services Tax (GST)

Term 2: How to Open and Operate a Bank Account

Crosswords/Activities

PRESCRIBED TEXTBOOK:

Maths Alive – VIII (Coursebook & Workbook)

- M/S Harper Collins Publishers India, A-75, Sector-57, Noida – 201301, U.P.
