Topics

Form 1

1. Natural Numbers (4 Lessons)
2. Factors (4 Lessons)
3. Divisibility Tests
4. Greatest Common Divisor (GCD)/Highest Common Factor (4 Lessons)
5. Least Common Multiple (L.C.M) (5 Lessons)
6. Integers (12 Lessons)
7. Fractions (12 Lessons)
8. Decimals (12 Lessons)
9. Squares and Square Roots (12 Lessons
10. Cubes and Cube Roots (4 Lessons)
11. Algebraic Expressions (14 Lessons)
12. Rates, Ratio, Percentages and Proportion (18 Lessons)
13. Length (6 Lessons)
14. Area (6 Lessons)
15. Volume and Capacity (6 Lessons)
16. Mass, Density and Weight (4 Lessons)
17. Time (4 Lessons)
18. Linear Equations (12 Lessons)
19. Commercial Arithmetic (6 Lessons)
20. Co-ordinates and Graphs (14 Lessons)
21. Angles and Plane Figures (6 Lessons)
22. Geometric Constructions (18 Lessons)
23. Scale Drawing (18 Lessons)
24. Common Solids (18 Lessons)

Form 2

1. Reciprocals (7 Lessons)
2. Indices and Logarithms (18 Lessons)
3. Equations and Straight Lines (12 Lessons)

4. Reflection and Congruence (12 Lessons)
5. Rotation (12 Lessons)
6. Similarity and Enlargement (19 Lessons)
7. Pythagoras Theorem (4 Lessons)
8. Trigonometry (19 Lessons)
9. Area of a Triangle (7 Lessons)
10. Area of Quadrilateral and other Polygons (4 Lessons)
11. Area of Part of a Circle (9 Lessons)
12. Surface Area of Solids (10 Lessons)
13. Volume of Solids (12 Lessons)
14. Quadrilateral Expressions and Equations (12 Lessons)
15. Linear Inequalities (12 Lessons)
16. Linear Motion (10 Lessons)
17. Statistics (20 Lessons)
18. Angle Properties of a Circle (19 Lessons)
19. Vectors (20 Lessons)

Form 3

1. Quadratic Expressions (22 Lessons)
2. Approximation and Errors (16 Lessons)
3. Trigonometry (2)
4. SURDS (9 Lessons)
5. Further Logarithms (11 Lessons)
6. Commercial Arithmetic (2) (22 Lessons)
7. Circle Chords and tangents (21 Lessons)
8. Matrices (21 Lessons)
9. Formulae and Variations (21 Lessons)
10. Sequences and Series (21 Lessons)
11. Vectors (2) (24 Lessons)
12. Binomial Expansions (11 Lessons)
13. Probability (22 Lessons)
14. Compound Proportions and Rates of Work (9 Lessons)

15. Graphical Methods (21 Lessons)

Form 4

1. Matrices and Transformations (21 Lessons)
2. Statistics (2) (27 Lessons)
3. Loci (21 Lessons)
4. Trigonometry (21 Lessons)
5. Three-Dimensional Geometry (24 Lessons)
6. Longitudes and Latitudes (21 Lessons)
7. Linear Programming (21 Lessons)
8. Differentiation (19 Lessons)
9. Area Approximation (10 Lessons)
10. Integration (19 Lessons)