

Pre-Rmo Junior

Day	Date	Concept
1	15 th April	Operations on rational Numbers
2	17 th April	Monomials and Polynomials
3	19 th April	Linear equations of Single variable
4	22 th April	System of Simultaneous Linear Equations
5	24 th April	Multiplication Formulae
6	26 th April	Some methods of Factorization
7	29 th April	Absolute Value and Its Applications
8	1 st May	Linear Equations with Absolute Vlaues
9	3 rd May	Sides and Angles of a Triangle
10	6 th May	Pythagoras' Theorem and Its applications
11	8 th May	Congruence of Triangles
12	10 th May	Applications of Midpoint Theorems
13	13 th May	Similarity of Triangles
14	15 th May	Areas of Triangles and Applications of Area
15	17 th May	Division of Polynomials
16	20 st May	Quadratic Surd Expressions and Their Operations

Day	Date	Concept
17	22 nd May	Compound Quadratic Surd Form $\sqrt{a \pm \sqrt{b}}$
18	24 th May	Congruence of Integers
19	27 th May	Decimal Representation of Integers
20	30 th May	Perfect Square Numbers
21	3 rd June	Pigeonhole Principle
22	7 th June	$[x]$ and $\{x\}$
23	10 th June	Diophantine Equations(I)
24	14 th June	Roots and Discriminant of Quadratic Equation $ax^2 + bx + c = 0$
25	17 th June	Relation between Roots and Coefficients of Quadratic Equations
26	21 st June	Diophantine Equations(II)
27	24 th June	Linear inequality and System of Linear Inequalities
28	28 th June	Quadratic Inequalities and Fractional Inequalities
29	1 st July	Inequalities with Absolute Values
30	5 th July	Geometric Inequalities