

**Modern School**

**Class: XI Subject: Mathematics(041) Session :2025-2026**

**Book Prescribed: Mathematics by M . L. Aggarwal**

**Month-wise Syllabus**

| Month | Chapter Number | Chapter Title |
| --- | --- | --- |
| April | 1  2  5 | Sets  Relations and functions  Linear inequalities |
| May | 3  4 | Trigonometric functions,Complex numbers and Quadratic equations |
| July | 6  7 | permutations and combinationsBinomial Theorem |
| August | 8  11 | sequence and seriesIntroduction to Three-dimensional Geometry |
| September |  | Revision and half yearly exams |
| October | 9  10 | Straight Lines  Conic sections |
| November | 12  13 | Limits and DerivativesStatistics |
| December | 14 | Probability |
| January |  | Revision of Annual exams |
| February |  | ANNUAL EXAM |

\*\*\* Principle of Mathematical Induction (Not to be Assessed)

| EXAM | MONTH | SYLLABUS |
| --- | --- | --- |
| PT-1 | May | Ch-1 Sets  Ch-2 Relations and Functions  Ch-5 Linear inequalities |
| PT2 | August | Ch-3 Trigonometric functions  Ch-4 complex numbers and quadratic equations  Ch-6 permutations and combinations |
| Half-yearly | September | Ch-1 sets  Ch-2 relations and functions  Ch-3 trigonometric functions  Ch-4 complex numbers and Quadra equations  Ch-5 linear inequalities  Ch-6 permutations and combinations  Ch-7 Binomial theorem  Ch-8 Sequence and series  Ch-11 three dimensional geometry |
| PT3 | November | Ch-9 straight lines  Ch-10 Conic sections |
| PT4 | December | Ch-12 limits and derivatives  Ch-13 statistics |
| Annual exams | February | Full syllabus |

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