**Modern School**

**Class XII Subject: Mathematics(041) Session:2025-26**

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

**Month-wise Syllabus**

| Month | Chapter Number | Chapter Title |
| --- | --- | --- |
| March | 1  2 | **Relations and Functions**  **Inverse Trigonometric Functions** |
| April | 3  4 | **Matrices**  **Determinants** |
| May | 5  6 | **Continuity and Differentiability**  **Applications of Derivatives** |
| July | 7  8 | **Integrals**  **Applications of the Integrals** |
| August | 9  10  12 | **Differential Equations**  **Vectors**  **Linear Programming** |
| September |  | **Revision and Half Yearly Exams** |
| October | 11  13 | **Three dimensional geometry**  **Probability(excl. Random variable distribution)** |
| November |  | **Revision and pre board -I** |
| December |  | **Revision and pre board -II** |
| January |  | **CBSE PRACTICAL EXAMS** |
| February |  | **CBSE BOARD EXAMS** |

| EXAM | MONTH | SYLLABUS |
| --- | --- | --- |
| TERM-I | May | Ch-1 Relations and functions  Ch-2Inverse trigonometric functions  Ch-3 Matrices  Ch-4 Determinants |
| Term-II | July | Ch-5 continuity and differentiability  Ch-6 Applications of derivatives |
| Term-III | August | ch-7 Integrals  Ch-8 Applications of Integrals |
| Half-yearly | September | Ch-1Relations and functions  Ch-2 Inverse trigonometric functions  Ch-3 Matrices  Ch-4 Determinants  Ch-5 continuity and differentiability  Ch-6 Application of derivatives  Ch-7 integrals  Ch-8 Application of integrals  Ch-9 Differential Equations  Ch-10 vectors  Ch-12 linear programming problems |
| Pre board-I | November | Full syllabus |
| Pre board-II | December | Full syllabus |