

Cambridge International School, Mohal
Curriculum – 2020-21
Class – XII
Mathematics (041)

First Term(February-July)

February

- Matrices and Determinants
- Inverse Trigonometric Function

March

- Differentiation
- Applications of Derivatives

April

- Indefinite Integrals

May

- Definite Integrals
- Applications of the Integrals
- Differential Equations

June

- Revision

July

- Probability
- Relations and functions.

Second Term(August-December)

August

- Vector
- Three-Dimensional Geometry

September

- Revision

October -

- Linear Programming

November

- Revision and practice

DECEMBER

- Pre-Board
- Revision and Sample Paper

January-February

- Pre-Board

March

- Board Exam

Marking Scheme

| | | |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1. | Relations and Functions & Inverse Trigonometric Function | 08 |
| 2. | Algebra(matrices & Determinants | 10 |
| 3. | Calculus (Continuity and Differentiability, Applications of Derivatives ,& Integrals, Applications of the Integrals , Differential Equations | 35 |
| 4. | Vectors and Three-Dimensional Geometry | 14 |
| 5. | Linear Programming | 05 |
| 6.. | Probability | 08 |
| TOTAL | | 80 |

- Book : NCERT Mathematics XII
- Minimum 3 class tests will be conducted in a month
- Please go through the notebooks, class test and planner of your ward on regular basis to keep a check of his/her progress