

## ST. JOSEPH'S CONVENT HIGH SCHOOL, CBSE – CHITTARANJAN

### Syllabus Details

Session- 2024-25

Subject -App. Maths

Class - XII

For Exam - Unit Test 1

Books Recommended:      1. M. L. AGGARWAL

2.

3.

| MONTH | BOOKS / SECTION   | LESSON(S) / TOPIC(S)   | SUGGESTED ACTIVITIES & PROJECTS   |
|-------|---|--|---|
| APRIL | <ul style="list-style-type: none"><li>❖ Numerical inequalities.</li><li>❖ Matrices.</li></ul> | <ul style="list-style-type: none"><li>❖ Linear inequalities in one variable.</li><li>❖ Inequalities involving modulus function.</li><li>❖ Graphical solutions of linear inequalities.</li><li>❖ Types of matrices.</li><li>❖ Operations of matrices.</li></ul> | <ul style="list-style-type: none"><li>❖ Proof: If A and B are invertible matrices of same order, then <math>(AB)^{-1} = B^{-1} A^{-1}</math><br/>( Do in 1/4<sup>th</sup> size chart paper)</li></ul> |
| MAY   | <ul style="list-style-type: none"><li>❖ Matrices.</li></ul>                                   | <ul style="list-style-type: none"><li>❖ Properties of matrix.</li></ul>  |   |