

**AN OUTLINE SYLLABUS OF GRADE XI
SESSION: 2022-23
SUBJECT: MATHEMATICS**

| MONTH | TOPIC |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| JULY | Sets Relation and functions Trigonometry |
| AUGUST | Linear Inequalities Complex Number |
| SEPTEMBER | Limits and Derivatives |
| OCTOBER | Permutation and combination Sequence and series |
| NOVEMBER | Straight-line Three-Dimensional Geometry Conic section |
| DECEMBER | Probability Statistics Binomial Theorem |
| JANUARY - FEBRUARY | Revision of the syllabus |
| SYLLABUS FOR ASSESSMENT | |
| PERIODIC TEST I: 1 AUGUST TO 8 AUGUST 2022 | "Sets |
| HALF YEARLY: 10– 22 SEPTEMBER 2022 | "Sets Relation and functions" Trigonometry "Complex Number Linear Inequalities |
| PERIODIC TEST II: 03– 10 DECEMBER 2022 | "Three-Dimensional Geometry Conic section" Straight Line |
| ANNUAL EXAMINATION: TENTATIVE DATES 13 -25 FEBRUARY 2023 | Complete (100%) Syllabus |