

DELHI PUBLIC SCHOOL(JOKA), SOUTH KOLKATA MATHEMATICS Syllabus For Class-XI

SESSION: 2023-2024

PERIODIC ASSESSMENT I:

- 1. Sets
- 2. Relations and Functions
- 3. Trigonometric Functions
- 4. Complex Numbers and Quadratic Equations
- 5. Linear Inequalities

MIDTERM EXAMINATION:

- 1. Sets
- 2. Relations and Functions
- 3. Trigonometric Functions
- 4. Complex Numbers and Quadratic Equations
- 5. Linear Inequalities
- 6. Permutations and Combinations
- 7. Binomial Theorem
- 8. Sequence and Series
- 9. Straight Lines

PERIODIC ASSESSMENT II:

- 1. Conic Sections
- 2. Limits and Derivatives
- 3. Introduction to Three-dimensional Geometry

ANNUAL EXAMINATION:

- 1. Sets
- 2. Relations and Functions
- 3. Trigonometric Functions
- 4. Complex Numbers and Quadratic Equations
- 5. Linear Inequalities
- 6. Permutations and Combinations
- 7. Binomial Theorem
- 8. Sequence and Series
- 9. Straight Lines
- **10. Conic Sections**
- 11. Introduction to Three-dimensional Geometry
- 12. Limits and Derivatives
- 13. Statistics
- 14. Probability

<u>Reference:</u> <u>https://cbseacademic.nic.in/web_material/CurriculumMain24/SrSec/Maths_SrSec_2023</u> <u>-24.pdf</u>