



DELHI PUBLIC SCHOOL(JOKA), SOUTH KOLKATA
APPLIED MATHEMATICS [Code-241]

Syllabus For Class-XI

SESSION: 2023-2024

PERIODIC ASSESSMENT I:

1. UNIT – 2: ALGEBRA
 - A. Sets
 - B. Relations
 - C. Sequences and Series
2. UNIT – 5: PROBABILITY
3. UNIT – 6: DESCRIPTIVE STATISTICS

MIDTERM EXAMINATION:

1. UNIT – 1: NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS
 - A. Numbers & Quantification
 - B. Numerical Applications
2. UNIT – 2: ALGEBRA
 - D. Sets
 - E. Relations
 - F. Sequences and Series
3. UNIT – 4: CALCULUS
4. UNIT – 5: PROBABILITY
5. UNIT – 6: DESCRIPTIVE STATISTICS

PERIODIC ASSESSMENT II:

1. UNIT – 3: MATHEMATICAL REASONING
2. UNIT – 7: FINANCIAL MATHEMATICS

ANNUAL EXAMINATION:

1. UNIT – 1: NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS
 - A. Numbers & Quantification
 - B. Numerical Applications
2. UNIT – 2: ALGEBRA
 - A. Sets
 - B. Relations
 - C. Sequences and Series
3. UNIT – 3: MATHEMATICAL REASONING
4. UNIT – 4: CALCULUS
5. UNIT – 5: PROBABILITY
6. UNIT – 6: DESCRIPTIVE STATISTICS
7. UNIT – 7: FINANCIAL MATHEMATICS
8. UNIT – 8: COORDINATE GEOMETRY

Reference:

https://cbseacademic.nic.in/web_material/CurriculumMain24/SrSec/Applied_Mathematics_SrSec_2023-24.pdf