

## SYLLABUS 2026-2027

**Class : XII**

**Subject : APPLIED MATHEMATICS**

**Book : UNDERSTANDING ISC APPLIED MATHEMATICS**

**Publisher : AVICHAL PUBLISHING COMPANY**

### **Term 1**

1. Matrices
2. Determinants
3. Relations and Functions
4. Inverse Trigonometry Functions
5. Differentiation
6. Applications of Derivatives

### **Term 2**

1. Integrals
2. Differential Equations
3. Linear Programming
4. Application of calculus in Commerce and Economics
5. Index Numbers and Moving Averages

### **Term 3**

1. Probability
2. Financial Mathematics

### **Term 4**

Revision / Model Test Papers

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