



11th & 12th Math CBSE se JEE tak

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Class 11

Sequences & Series

Arithmetic Progression
Geometric Progression
AM, GM & HM
AGP & Sum of Series
Method of Difference & Vn Method
Most Important Questions

Relations & Functions

Relations
Functions
Domain of a Function
Range of a Function
Modulus Function
Greatest Integer Function
Relations & Functions Test

Complex Numbers

Basics of Complex Numbers
Algebra of Complex Numbers
Geometrical Representation & Modulus
Argument & Conjugate
Polar & Euler Form
Cube Root of Unity
Square Root of Complex Numbers
Important Questions

Trigonometry

Introduction
Quadrant System
Compound Angle Formulas
Double Angle Formulas
Triple Angle Formulas
Sum & Difference Formulas
Trigonometric Equations
Conditional Identities
Domain & Range
Properties of a Triangle
Most Important Questions
Trigonometry Test

Sets

Subset, PowerSet & Cardinality
Operation on Sets, Laws of Sets
Sets Test

Limits & Derivatives

Limits L-1
Limits L-2
L' Hospital Rule
Most Important Questions
Derivatives L-1
Most Important Questions

Quadratic Equations

Introduction
Nature of Roots
Common Roots
Sign and Range
Location of Roots
Past Year Questions

Permutations & Combinations

Fundamental Principle of Counting
Selection
Arrangement
Circular Permutations & Beggar's Method
Past Year Questions

Binomial Theorem

Pascal's Triangle
General Term
Middle Term & Greatest Term

Straight Lines

Introduction
Types of Equations
Application

Class 12

Matrices & Determinants

Introduction & Types of Matrices
Transpose, Symmetric & Skew-Symmetric
Adjoint of Matrices
Inverse Matrix
Inverse of a Matrix By Elementary Operations
Determinants Introduction & Properties
Determinants Cramer's Rule
Properties of Determinants Most Important Questions

Continuity & Differentiability

Continuity Introduction
Continuity Algebra
Differentiability
Differentiation L-1
Logarithmic Differentiation
Parametric Form
Higher-Order Derivatives
Differentiation Most Important Questions

Inverse Trigonometry

Introduction
Formulas Part-1
Formulas Part-2
Most Important Questions

Application of Derivatives

Tangents & Normals
Increasing & Decreasing Functions
Maxima & Minima
Maxima & Minima Word Problems
Absolute Maximum & Minimum

Differential Equations

Introduction
Formation
Variable Separable
Homogeneous Form
Linear Differential Equation/Bernoulli

Area Under the Curve

Area under the curve L-1
Between 2 Curves

Integration

Introduction
Integration Substitution
Integration Trigonometric Functions
Special Integrals With Tricks
Integration By Parts
Integration Partial Fractions
Indefinite Integration Test
Definite Integration Introduction
Definite Integration Properties Part-1
Definite Integration Properties Part-2
Past Year Questions

Vectors

Introduction
Dot Product
Cross Product
Scalar Triple Product
Vector Triple Product

