

Class 11 Maths Deleted Syllabus

Term- 1

1. Sets

Difference of sets. Complement of a set. Properties of Complement.

2. Relations & Functions

Cartesian product of the set of reals with itself ($\mathbb{R} \times \mathbb{R} \times \mathbb{R}$), Sum, difference, product and quotients of functions.

3. Principle of Mathematical Induction

Entire Chapter

4. Complex Numbers and Quadratic Equations

polar representation of complex numbers, Square root of a complex number.

5. Sequence and Series

Formulae for the following special sums.

$$\sum_{k=1}^n k, \sum_{k=1}^n k^2 \text{ and } \sum_{k=1}^n k^3$$

6. Straight Lines

Equation of family of lines passing through the point of intersection of two lines.

7. Limits

No Deletion

8. Statistics

Analysis of frequency distributions with equal means but different variances.



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Term- 2

1. Trigonometric Functions

General solution of trigonometric equations of the type

$$\sin y = \sin a,$$

$$\cos y = \cos a$$

$$\tan y = \tan a.$$

2. Linear Inequalities

No Deletion

3. Permutations and Combinations

No Deletion

4. Conic Sections

Sections of a cone: a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section.

5. Introduction to Three-dimensional Geometry

No Deletion

6. Binomial Theorem

Entire Chapter

7. Derivatives

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8. Mathematical Reasoning

Entire Chapter

9. Probability

Axiomatic (set theoretic) probability, connections with other theories of earlier classes.



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