

Deleted Syllabus of CBSE Class 11th Mathematics 2020-21

Deleted Topics from CBSE 11th Mathematics Syllabus 2020-21:

Unit- I: Sets and Functions

1. Sets

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

2. Relations & Functions

- (up to $R \times R \times R$)
- Sum, Difference, product and quotients of functions

3. Trigonometric Functions

- General Solutions of trigonometric equations of the type $\sin y = \sin a$, $\cos y = \cos a$ and $\tan y = \tan a$.

Unit II: Algebra

1. Principle of Mathematical Induction

- Delete full chapter

2. Complex Numbers and Quadratic Equations

- Polar representation of complex numbers.
- Square root of a complex number.

3. Linear Inequalities

Nil

4. Permutations and Combinations

- Derivation of formulae for nPr and nCr

5. Binomial theorem

- Delete full Chapter

6. Sequence and Series

Unit III: Coordinate geometry

1.Straight Lines

- Shifting of origin.
- Equation of family of lines passing through the point of intersection of two lines.

2 Conic sections

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

3.Introduction to Three-dimensional Geometry

Nil

Unit-IV : Calculus

1.Limits and Derivatives

Nil

Unit-V : Mathematical Reasoning

1.Mathematical Reasoning

- Delete full chapter

Unit-VI: Statistics and Probability

1. Statistics

- Analysis of frequency distributions with equal means but different variances.

2. Probability

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