



RBSE Class 9 Maths Deleted Portion 2021

Board of Secondary Education Rajasthan, Ajmer

DELETED PORTION OF THE SYLLABUS FOR EXAMINATION 2021

Subject : Mathematics

Subject Code: 09

Class : 9th (2020-21)

Unit	Name of Unit	Chapter No.	Name of Chapter	Topic / Title Removed
1	Number Systems	1	Number Systems	Representation of real numbers on a number line, Representation of terminating/non-terminating recurring decimals on the number line through successive magnification, Showing that every real number is represented by a unique point on the number line and conversely, Definition of nth root of a real number
2	Algebra	1	Polynomial	Motivate and state the Remainder Theorem with examples, Statement and proof of the Factor Theorem, Algebraic identities - IV : $(x + a)(x + b) = x^2 + (a + b)x + ab$ V : $(x+y+z)^2 = x^2 + y^2 + z^2 + 2xy + 2xz + 2yz$ VII : $x^3 + y^3 + z^3 - 3xyz = (x+y+z)(x^2 + y^2 + z^2 - xy - yz - zx)$
		2	Linear Equations of Two Variables	Examples, Problems on Ratio and Proportion, Graphical representation of linear equation of two variables
4	Geometry	1	Introduction to Euclid's Geometry	Complete Chapter deleted

4	Geometry	2	Lines and Angles	Lines parallel to a line
		3	Triangles	Proof of the theorems on congruency - Angle-Side-Angle (ASA), Rightangle-Hypotenuse-Side (RHS), Triangle inequalities.
		4	Quadrilaterals	Middle point theorem, Condition for quadrilateral parallel to a quadrilateral.
		5	Parallelograms and Area of triangles	Complete Chapter deleted
		6	Circles	There is one and only one circle passing through three given non-collinear points, Distances from centre of equal chords, Theorems : Equal chords of a circle subtend equal angles, ,If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle, Cyclic quadrilaterals
		7	Constructions	Construction of 60^0 at an initial point of a ray, Construction of a triangle for a given base angle and the difference of two sides, Construction of a triangle of given perimeter and base angles.
5	Mensuration	1	Areas	Application of Heron's formula in finding the area of a quadrilateral
		2	Surface Areas and Volumes	Surface area and volume of a right circular cylinder and a cone, Surface area and volume of hemisphere and a sphere.
6	Statistics & Probability	1	Statistics	Collection of data, Histograms (with varying base lengths), Frequency polygons, Mode
		2	Probability	Complete Chapter deleted