DREAM WORLD SCHOOL, BALLARI, KARNATAKA

Six Revisions Checklist 2023-2024

Name: **Standard: IX**   **Sub.: Mathematics**

Sl. No.	Ch. 8: Co-ordinate Geometry	R1 (Notes Writing	R2	PS	PT 1	R3	PS	PT 2	R4	PS	PT 3	R5	PS	Prep. Exm.	R6	PS	Yearly Exam	CL
1	8.2 Rectangular or Cartesian Co-ordinates of a Point,																	
2	8.3 Plotting of Points																	

Sl. No.	Ch. 1: Number System	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	1.2 Brief Review of Numbers																	
2	1.3 Decimal Representation of Rational Numbers																	
3	1.4 Conversion of Decimal Numbers into Rational Numbers of the Form																	
4	1.5 Irrational Numbers																	
5	1.6 Some Useful Results on Irrational Numbers																	
6	1.7 Representing Irrational Numbers on the Number Line																	
7	1.8 Real Numbers and Real Number Line																	
8	1.9 Existence of Square Root of a Positive Real Number																	
9	1.10 Visualisation of Representation of Real Numbers by Using the Process of Successive Magnification																	

Sl. No.	Ch. 2: Exponents of Real Numbers	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	2.2 Integral Exponents of a Real Number																	
2	2.3 Laws of Integral Exponents																	
3	2.4 Rational Exponents of a Real Number																	
4	2.5 Laws of Rational Exponents																	

DREAM WORLD SCHOOL, BALLARI, KARNATAKA

Six Revisions Checklist 2023-2024

Name: **Standard: IX**   **Sub.: Mathematics**

Sl. No.	Ch. 3: Rationalisation	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	3.2 Some Identities																	
2	3.3 Rationalisation of Denominator																	

Sl. No.	Ch. 4: Algebraic Identities	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	4.2 Recall of Identities																	
2	4.3 Identity for the Square of a Trinomial																	
3	4.4 Identity for the Cube of a Binomial																	
4	4.5 Sum and Difference of Cubes																	
5	4.6 One more Identity																	

Sl. No.	Ch. 5: Factorisation of Algebraic Expressions	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	5.2 Recall of Work Done Earlier																	
2	5.3 Factorisation of Algebraic Expressions Expressible as the Sum or Difference of Two Cubes																	
3	5.4 Factorisation by Using the Formulae for the Cube of a Binomial																	
4	5.5 Factorisation of Algebraic Expressions of the form $a^3 + b^3 + c^3 - 3abc$																	
5	5.6 Factorisation of Sum of the Cubes When their Sum is Zero																	

Name: **Standard: IX**   **Sub.: Mathematics**

Sl. No.	Ch. 6: Factorisation of Polynomials	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	6.1 Some Definitions																	
2	6.2 Zeros (Roots) of a Polynomial																	
3	6.3 Remainder Theorem																	
4	6.4 Factor Theorem																	
5	6.5 Factorisation of Polynomials by using Factor Theorem																	

Sl. No.	Ch. 9: Introduction To Euclid's Geometry	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	9.2 Axioms (Postulates) and Theorems																	
2	9.3 Some Undefined Terms																	
3	9.4 Incidence Properties of Points and Lines																	
4	9.5 Parallel Lines and Intersecting Lines																	
5	9.6 Line Segment																	
6	9.7 Length Axioms of Line Segments																	
7	9.8 Ray, Half-Line, Line Separation																	
8	9.9 Half-Plane																	

Sl. No.	Ch. 10: Lines and Angles	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	10.1 Angles																	
2	10.2 Measure of an Angle																	
3	10.3 Types of Angles																	
4	10.4 Some Angle Relations																	
5	10.4.1 More on Angle Relations																	
6	10.5 Angles Made by a Transversal with Two Lines																	

Name: **Standard: IX**   **Sub.: Mathematics**

Sl. No.	Ch. 12: Congruent Triangles	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	12.2 Congruence of Line Segments																	
2	12.3 Congruence of Angles																	
3	12.4 Congruence of Triangles																	
4	12.5 Sufficient Conditions (Criteria) for Congruence of Triangles																	
5	12.5.1 SAS Congruence Criterion																	
6	12.5.2 ASA Congruence Criterion																	
7	12.5.3 AAS Congruence Criterion																	
8	12.5.4 SSS Congruence Criterion																	
9	12.5.5 RHS Congruence Criterion																	
Sl. No.	Ch. 17: Heron's Formula	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	17.2 Heron's Formula																	
2	17.3 Some Applications of Heron's Formula																	
Sl. No.	Ch. 23: Graphical Representation of Statistical Data	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	23.2 Bar Graph																	
2	23.3 Reading and Interpretation of Bar Graphs																	
3	23.4 Construction of Bar Graphs																	
4	23.5 Bar Graphs and their Constructions																	
5	23.6 Histogram																	
6	23.7 Frequency Polygon																	

DREAM WORLD SCHOOL, BALLARI, KARNATAKA

Six Revisions Checklist 2023-2024

Name: **Standard: IX**   **Sub.: Mathematics**

Sl. No.	Ch. 7: Linear Equations in Two Variables	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	7.2 Linear Equations in Two Variables																	
2	7.3 Solution of a Linear Equation																	
3	7.4 Graph of a Linear Equation in Two Variables																	
4	7.5 Equations of Lines Parallel to the x-axis and y-axis																	

Sl. No.	Ch. 20: Surface Area and Volume of a Right Circular Cone	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	20.2 Right Circular Cone																	
2	20.3 Surface Area of a right Circular Cone																	
3	20.4 Volume of a Right Circular Cone																	

Sl. No.	Ch. 21. Surface Area and Volume of a Sphere	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	R4	R5	PS	Prep. Exm.	R6	PS	YE	CL
4	21.2 Sphere																	
5	21.3 Section of a Sphere by a Plane																	
6	21.4 Surface Area of a Sphere, Hemi-Sphere and a Spherical Shell																	
7	21.5 Volumes of a Sphere, Hemi-Sphere and a Spherical Shell																	

Sl. No.	Ch. 13: Quadrilaterals	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	13.2 Quadrilateral and some terms associated to it																	
2	13.3 Various types of quadrilaterals																	
3	13.4 Properties of Parallelogram																	
4	13.5 Sufficient conditions for a quadrilateral to be a parallelogram																	
5	13.6 Properties of rectangle, rhombus and a square																	
6	13.7 The mid-point theorem																	

DREAM WORLD SCHOOL, BALLARI, KARNATAKA

Six Revisions Checklist 2023-2024

Name: **Standard: IX**   **Sub.: Mathematics**

Sl. No.	Ch. 15: Circles	R1	R2	PS	PT 1	R3	PS	PT2	R4	PS	PT3	R5	PS	Prep. Exm.	R6	PS	YE	CL
1	15.1 Introduction																	
2	15.2 Circle and terms related to a circle																	
3	15.3 Chord and arc properties of Circles																	
4	15.4 Some useful properties of equal chords																	
5	15.5 Arcs and Angles Subtended by them																	
6	15.6 Properties of a Cyclic Quadrilateral																	

R1 - R6: Six Revisions (Reading, Writing, Practising, Learning the Concepts/Topics with Analytical, Crirical & Creative Thinking approach, and Clarifying Doubts)

Prep.Ex. Preparatory Exam - Score Obtained in preparatory out of 80 Marks

PT: Score Obtained in Periodic Test out of 40 Marks

PS: Parent's Short Signature

YE: Yearly Exam

CL: Confidence Level