REVISION: Grade 11 Mathematics

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PAPER 1

Algebra

R1001	Factorization		
R1002	Equations		
R1003	Algebraic Fractions		
R2001	Exponents		
R2002	Surds		
R2003	Completing the Square		
R2004	Equations		
R2005	Inequalities		
R2006	Nature of Roots		

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Finance

R1701	Simple Interest		
R1702	Hire Purchase		
R1703	Compound Interest		
R2701	Simple Decay		
R2702	Compound Decay		
R2703	Compound Intervals		
R2704	Nom. and Eff. interest rates		
R2705	Time Lines		

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Number Patterns

R2601	Arithmetic Sequences		
R2602	Quadratic Sequences		

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Functions

R2201	Introduction and Properties		
R2202	Finding the Equation		
R2203	Finding Intercepts		
R2204	Asymptotes		
R2205	Turning Point		
R2206	Sketching Graphs		
R2207	Domain and Range		
R2208	Axis of Symmetry		
R2209	Continuity		
R2210	Increasing and Decreasing		
R2211	Average Gradient		
R2212	Reflection and Translation		
	Graphical Interpretation:		
R2213	GI: Length of Lines		
R2214	GI: Inequalities		
R2215	GI: Nature of Roots		

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Probability

(Available 2024)

R1901	General overview on basics		
R2901	Dependent and Ind. events		
R2902	Venn Diagrams		
R2903	Tree Diagrams		
R2904	Contingency Tables		

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Ⓔuclidian Ⓖeometry

R8101	Lines, Angles and Triangles		
R8102	Theorem of Pythagoras		
R9101	Quadrilaterals		
R1101	Quadrilaterals (Proving)		
R9102	Similarity and Congruency		
R9103	Angles of polygons		
R1102	Midpoint Theorem		
R1103	Summative Exercises		
R2101	Theorem one to two		
R2102	Theorem three to five		
R2103	Theorem six to seven		
R2104	Summary (Euclidian Theorems)		

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Ⓣrigonometry

R1301	Ratios		
R1302	Quadrants (CAST)		
R1303	Special Angles		
R2301	Reduction Formulas		
R2302	Identities		
R2303	Equations		
R2304	2D Trigonometry		
R2305	Trigonometric Functions		

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Ⓐnalytical Ⓖeometry

R1501	Average Gradient		
R1502	Distance Formula		
R1503	Midpoint Formula		
R1504	Straight Lines		
R1505	Quadrilaterals		
R2501	Angle of Inclination		

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Ⓢtatistics

(Available 2024)

R1801	Central Tendency and Dispersion		
R1802	Tables and Diagrams		
R2801	Histograms and Frequency Polygons		
R2802	Ogives		
R2803	Variance and Standard Deviation		
R2804	Data Symmetry and Outliers		

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