FINAL EXAMINATION PORTION – MAY 2023

YEAR 12 - MATHEMATICS (Pure Math & Statistics)

Paper 1- PURE MATHEMATICS(CAL) – 100 MARKS(2 hours)

Chapter 1   – Algebraic expressions
Chapter 2   – Quadratics
Chapter 3   – Equations and inequalities
Chapter 4   – Graphs and transformations
Chapter 5   – Straight line graphs
Chapter 6   – Circles
Chapter 7   – Algebraic methods
Chapter 8   – The binomial expansion
Chapter 9   – Trigonometric ratios
Chapter 10 – Trigonometric identities and equations
Chapter 11 – Vectors
Chapter 12 – Differentiation
Chapter 13 – Integration
Chapter 14 – Exponentials and Logarithms

Paper 2- STATISTICS(CAL) – 100 MARKS(2 hours)

BOOK 1
Chapter 1 – Data Collection
Chapter 2 – Measures of Location and Spread
Chapter 3 – Representation of Data
Chapter 4 – Correlation
Chapter 5 – Probability
Chapter 6 – Statistical distributions
Chapter 7 – Hypothesis Testing

BOOK 2
Chapter 1 – Regression, Correlation and Hypothesis Testing
Chapter 2 – Conditional Probability
Chapter 3 – The Normal Distribution