

FINAL EXAMINATION PORTION – MAY/JUNE 2022

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