

**FIRST TERM EXAMINATION PORTION – JAN 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 12 – Differentiation

**Paper 2- STATISTICS(CAL) – 50 MARKS(1 hour)**

- 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