

**FIRST TERM EXAMINATION PORTION – JAN 2021**

**MATHEMATICS (Pure Math & Stats)**

**YEAR 12**

**ONE PAPER – DURATION – 2 Hours**

**Maximum Marks: 100 (60 + 40)**

**PURE MATHEMATICS(CAL) – 60 MARKS**

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

**STATISTICS(CAL) – 40 MARKS**

Chapter 1 – Data Collection

Chapter 2 – Measures of location and spread

Chapter 3 – Representations of data

Chapter 4 – Correlation

Chapter 5 – Probability

Chapter 6 – Statistical distributions