

**MATHEMATICS FIRST TERM EXAMINATION PORTION- JAN 2023**

**YEAR 11**

**PAPER 1 - 1MA1/1H – NON CALCULATOR – 80 MARKS - 1 ½ HOURS**

**PAPER 2 - 1MA1/2H – CALCULATOR – 80 MARKS - 1 ½ HOURS**

**PAPER 3 - 1MA1/3H – CALCULATOR – 80 MARKS - 1 ½ HOURS**

UNIT 13 – More Trigonometry

UNIT 19 – Proportion and Graphs

UNIT 17 – More Algebra

UNIT 14 – Further Statistics

**REVISION UNITS**

UNIT 1 – Number

UNIT 2 – Algebra

UNIT 3 – Interpreting and Representing Data

UNIT 4 – Fractions and Percentages

UNIT 5 – Angles and Trigonometry

UNIT 6 – Graphs

UNIT 7 – Area and Volume

UNIT 8 – Transformations and Constructions

UNIT 9 – Equations and Inequalities

UNIT 11 – Multiplicative Reasoning

UNIT 12 – Similarity and Congruence

UNIT 15 – Equations and Graphs

**Please note that Formula Sheet will not be given.**

**All the formulae need to be memorised.**

**Only the following formulae will be provided for students within the relevant examination Questions**

$$\text{Curved surface area of a cone} = \pi r l$$

$$\text{Surface area of a sphere} = 4\pi r^2$$

$$\text{Volume of a sphere} = \frac{4}{3}\pi r^3$$

$$\text{Volume of a cone} = \frac{1}{3}\pi r^2 h$$