

MATHEMATICS FIRST TERM EXAMINATION PORTION- JAN 2021

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 (Excluding 1.1)

UNIT 2 – Algebra

UNIT 3 – Interpreting and Representing Data

UNIT 4 – Fractions and Percentages

UNIT 5 – Angles and Trigonometry

UNIT 6 - Graphs

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

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

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

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

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