

FINAL EXAMINATION MAY/JUNE 2022

MATHEMATICS PORTION

YEAR 9

PAPER 1 - NON - CALCULATOR – 50 MARKS - 1 HOUR

PAPER 2 - CALCULATOR – 50 MARKS - 1 HOUR

TEXT BOOK: EDEXCEL GCSE (9 – 1)

MATHEMATICS HIGHER STUDENT BOOK

- **UNIT 1 – Numbers (Excluding 1.1)**
- **UNIT 2 – Algebra (Excluding Quadratic sequences in 2.6)**
- **UNIT 3 – Interpreting and representing data**
- **UNIT 4 – Fractions and Percentages**
- **UNIT 5 – Angles and Trigonometry**
- **UNIT 6 – Graphs (excluding 6.6, 6.7 and 6.8)**
- **UNIT 7 – Area and volume**
- **UNIT 8 – Transformations and Constructions**
- **UNIT 9 – Equations and Inequalities (9.4 and 9.5 only)**
- **UNIT 10 – Probability (Excluding 10.5 and 10.6)**
- **UNIT 15 – Equations and graphs (15.1 Only)**

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

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

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

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

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

GL Progress Test in Mathematics

GL Progress Test in Math assesses pupil's current knowledge and skills appropriate to age related expectations.

GL PTM assesses

- 1. Mathematical content knowledge (Full Year portion as given above)**
- 2. Understanding and applying mathematical processes.**