

**FINAL EXAMINATION MAY 2023**  
**MATHEMATICS PORTION - YEAR 9**

**PAPER 1 - NON - CALCULATOR – 80 MARKS**

**PAPER 2 - CALCULATOR – 80 MARKS**

**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 / Moving Averages**
- **UNIT 4 – Fractions and Percentages**
- **UNIT 5 – Angles and Trigonometry**
- **UNIT 6 – Graphs ( 6.1 – 6.5)**
- **UNIT 7 – Area and volume**
- **UNIT 8 – Transformations and Constructions ( 8.1 – 8.5, 8.8)**
- **UNIT 9 – Equations and Inequalities ( 9.1,9.4, 9.5)**
- **UNIT 10 – Probability ( 10.1 – 10.4)**
- **UNIT 15 – Equations and graphs ( 15.1)**

**Note: All the work done in PPT, textbook, notebook and worksheets.**

**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.**