

FINAL EXAMINATION MAY 2021

MATHEMATICS PORTION

YEAR 10

TEXT BOOK : EDEXCEL GCSE (9 – 1)

MATHEMATICS HIGHER STUDENT BOOK

- **Unit 2.6- Quadratic sequences (pages 43-45)**
 - **UNIT 6 - Graphs (6.1-6.6)**
 - **UNIT 9 – Equations and Inequalities**
 - **UNIT 10- Probability**

 - **UNIT 12 – Similarity and Congruence**
 - **UNIT 13 – More trigonometry - (13.5 and 13.6)**
 - **UNIT 14- Further Statistics- (14.1-14.3)**

 - **UNIT 15 – Equations and Graphs - (15.1-15.4 except Iteration Question)**

 - **UNIT 16 – Circle theorems**
 - **UNIT 18- Vectors**

REVISION TOPICS

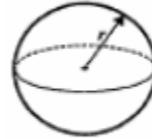
- **UNIT 7 – Area and Volume**
- **UNIT 8 – Transformation and constructions (8.1-8.5)**

All the formulae need to be memorised.

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

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

Surface area of sphere = $4\pi r^2$



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

Curved surface area of cone = $\pi r l$

