**YEAR 11 Mock Mathematics Examination – March 2018.**

**Revision List.**

**HIGHER TIER: Unit 1 ( Non – calculator ).**

Prime factorisation and square numbers.

Number problems.

Standard index form.

Indices – negative and fractional.

Recurring decimals.

Surds.

Simultaneous equations.

Using and solving inequalities.

Forming and solving quadratic equations.

Plotting quadratic graphs.

Straight line graphs.

Venn Diagrams.

Shading graphical inequalities.

Trapezium rule for area under graphs.

Formulae dimensions and length, area, volume.

Circle theorems of angles.

Congruent triangles.

Trigonometric graphs.

Surface area of 3-D solids.

Probability problems.