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

**Revision List.**

**INTERMEDIATE TIER: Unit 2 ( Calculator ).**

Calculating percentages and fractions.

Dividing fractions, equivalent fractions.

Recurring decimals.

Prime numbers and factors.

Number machines – input and output.

Rounding to decimal places, significant figures.

The reciprocal.

Sequences and the nth term rule.

Simplifying expressions, expanding brackets and factorising.

Forming and solving equations, solving equations by trial and improvement.

Factorising a quadratic.

Straight line graphs – parallel and perpendicular.

Properties of triangles.

Angles of polygons.

Circle Theorems of angles.

Area.

Pythagoras’ Theorem.

Trigonometry.

Constructing with angles and compasses.

Averages – mean and range.

Probability problems.

Probability – relative frequency.

Probability – tree diagrams.