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

**Revision List.**

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

Rounding to decimal places and significant figures.

Reciprocals.

Levels of accuracy – least and greatest values.

Rules of indices – negative, fractional.

Rational and irrational numbers.

Forming and solving linear equations.

Solving equations by trial and improvement.

Expanding brackets, factorising.

Factorising a quadratic.

Re-arranging a formula.

Algebraic fractions.

Straight line graphs – parallel and perpendicular.

Transforming graphs of functions.

Pythagoras’ Theorem.

Trigonometry.

Constructing with angles and compasses.

Circle Theorems of angles.

Further Trigonometry – sine, cosine, area rules.

Transformations.

3-D solids.

Probability problems.

Probability – tree diagrams.