

A Level Maths: Pearson Edexcel Level 3 Advanced GCE in Mathematics (9MA0)

Content and assessment overview

The Pearson Edexcel Level 3 Advanced GCE in Mathematics consists of three externally-examined papers.

Students must complete all assessment in May/June in any single year.

Paper 1: Pure Mathematics 1 (*Paper code: 9MA0/01)

Paper 2: Pure Mathematics 2 (*Paper code: 9MA0/02)

Each paper is:

2-hour written examination

33.33% of the qualification

100 marks

Content overview

Topic 1 – Proof

Topic 2 – Algebra and functions

Topic 3 – Coordinate geometry in the (x, y) plane

Topic 4 – Sequences and series

Topic 5 – Trigonometry

Topic 6 – Exponentials and logarithms

Topic 7 – Differentiation

Topic 8 – Integration

Topic 9 – Numerical methods

Topic 10 – Vectors

Assessment overview

Paper 1 and Paper 2 may contain questions on any topics from the Pure Mathematics content.

Students must answer all questions.

Calculators can be used in the assessment.

Paper 3: Statistics and Mechanics (*Paper code: 9MA0/03)

2-hour written examination

33.33% of the qualification

100 marks

Content overview

Section A: Statistics

Topic 1 – Statistical sampling

Topic 2 – Data presentation and interpretation

Topic 3 – Probability

Topic 4 – Statistical distributions

Topic 5 – Statistical hypothesis testing

Section B: Mechanics

Topic 6 – Quantities and units in mechanics

Topic 7 – Kinematics

Topic 8 – Forces and Newton's laws

Topic 9 – Moments

Assessment overview

Paper 3 will contain questions on topics from the Statistics content in Section A and Mechanics content in Section B.

Students must answer all questions.

Calculators can be used in the assessment.