MME.

A Level Maths Edexcel Predicted Papers - How we created these papers

Overview

We have created 4 sets of predicted papers for A level Mathematics, with mark and topic coverage based on the Edexcel A Level Mathematics Past Papers provided on their website, along with the content specified in the Edexcel A Level Mathematics Specification.

Each physical paper has been designed to look like the Edexcel paper based exams, with the mark schemes formatted and broken down to be easy to follow.

Format and Marks

Our sets of predicted papers are split up into three papers, resembling that of the Edexcel format:
- Paper 1 - Pure Mathematics 1 - 100 marks - Calculator
- Paper 2 - Pure Mathematics 2 - 100 marks - Calculator
- Paper 3 - Statistics and Mechanics - 100 marks (50 marks for each section) - Calculator

Further, each paper contains a mix of question types, including short answer questions, single mark questions and multi-step problems.
Some questions are standalone questions, whereas other questions consist of multiple parts and can require using the answer to a previous part of a question, or not. These part questions may vary in the level of demand.
This corresponds to what is seen on the Edexcel past papers.

Across each paper, we have aimed to have a similar coverage of questions with different numbers of marks of that of the Edexcel past papers. Therefore, in each paper, there are a range of 1-10 mark single questions (i.e. not the total of a question containing multiple parts).

https://mmerevise.co.uk/

Distribution of Topics and Skills

The breakdown of topics on each paper has been designed to match that of the Edexcel past papers.

Paper 1 and Paper 2 may contain questions from any topic from the Pure Mathematics content, namely:
- 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

Paper 3 contains questions on topics from the Statistics content in Section A and Mechanics content in Section B, namely:
- Section A: Statistics
  - Topic 11 – Statistical sampling
  - Topic 12 – Data presentation and interpretation
  - Topic 13 – Probability
  - Topic 14 – Statistical distributions
  - Topic 15 – Statistical hypothesis testing
- Section B: Mechanics
  - Topic 16 – Quantities and units in mechanics
  - Topic 17 – Kinematics
  - Topic 18 – Forces and Newton's laws
  - Topic 19 – Moments

Additionally, each set has been designed to match the approximate percentage breakdown of Assessment Objectives (AO):

Paper	Assessment Objectives			Total (%)
	AO1 (%)	AO2 (%)	AO3 (%)	
Paper 1: Pure Mathematics 1	16.00-17.33	8.66-10.00	6.33-7.67	33.33
Paper 2: Pure Mathematics 2	16.00-17.33	8.66-10.00	6.33-7.67	33.33
Paper 3: Statistics and Mechanics	16.00-17.33	5.66-7.00	10.33-11.67	33.33
Total for GCE A Level	48-52	23-27	23-27	100

For each paper, we have aimed to increase the mathematical demand as the student progresses through the paper.
Assessment Difficulty

Each of the sets of papers have been designed to match the difficulty of a corresponding Edexcel A Level Maths Exam series, based off of the following grade boundaries:

Level	A*	A	B	C	D	E	U
Mark	217	165	134	103	73	43	0