

**Unit Code:** H630/02

**Qual Name:** AS Level Mathematics B (MEI)

**Qual Title:** MEI Pure Mathematics and Statistics

Question Set	Q. No	Total Marks	AO	Spec Ref.	Topic	Accompanying material Source, if required
1	1	2	1	ME Exponentials	Exponentials and logarithms	
1	2	3	2	Mp Proof	Proof	
1	3	3	1	Ma Algebra	Quadratics	
1	4	4	2	Mc Calculus	Definite integrals	
1	5	7	1	Mg Coordinate geometry	Coordinate geometry lines and circles	
1	6	9	1	Mc Calculus	Stationary points	
1	7	10	3(M)	ME Exponentials	Exponential modelling	
2	1	3	2	MD Data presentation	Histograms	
2	2	5	1	MR Probability distribution	Discrete probability distributions	
2	3	8	3(PS)	MD Data presentation	Problem solving with mean	
2	4	7	2	MH Hypothesis testing	Hypothesis testing	
2	5	9	2	MD Data presentation	Scatter diagrams, lines of best fit	LDS1 Pre-Release
3	1	3	1	Ma Algebra	Surds and indices	
3	2	2	1	Mt Trigonometry	Solution of triangles	
3	3	3	2	Mp Proof	Proof	
3	4	3	1	Mg Coordinate geometry	Coordinate geometry of circle	

Question Set	Q.	Total Marks	AO	Spec Ref.	Topic	Accompanying material Source, if required
3	5	8	2	Ma Algebra, Mc Calculus	Integration	
3	6	10	3(M)	ME Exponentials	Modelling with logs	
3	7	10	1	Mc Calculus	Tangents and normals	
4	1	8	1	Mu Probability	Probability of 2 or more events	
4	2	13	2	MD Data presentation	Diagrams, box plots, outliers	LDS2 Pre release
4	3	10	2	MR Probability distribution, MH Hypothesis testing	Binomial distribution, hypothesis testing	
5	1	2	1	Ma Algebra	Inequalities	
5	2	6	2	Mc Calculus	Polynomials, intergration	
5	3	8	1	Mg Coordinate geometry	Coordinate geometry lines and circles	
5	4	6	1	Mt Trigonometry	Solving trig equations	
5	5	8	3(PS)	Mc Calculus	Stationary points	
5	6	10	3(M)	ME Exponentials	Exponential functions, modelling	
6	1	3	2	MD Data presentation	Cumulative frequency diagrams	
6	2	8	2	Mp Sampling	Sampling techniques	
6	3	4	3(PS)	MH Hypothesis testing	Hypothesis testing	
6	4	6	1	Mu Probability	Probability	
6	5	9	1	MD Data presentation	Correlation, lines of best fit	LDS3 Pre release