

	No. of Qs in Paper 1	Expected Frequency	Probability of at least one Question coming up in paper 2			
			1+	2+	3+	4+
Quadratics	3	2.8	0.67	0.00	0.00	0.00
Completing the Square	1	0.4	0.00	0.00	0.00	0.00
Quadratic Model	1	0.4	0.00	0.00	0.00	0.00
Use of Discriminant	1	0.8	0.00	0.00	0.00	0.00
Finding equation of a quadratic/ cubic	0	0.8	0.80	0.00	0.00	0.00
Algebraic & Partial Fractions	0	1	1.00	0.00	0.00	0.00
Vectors	1	1.4	0.40	0.00	0.00	0.00
Shape element within Vectors	0	0.6	0.60	0.00	0.00	0.00
Vector proof style	1	0.8	0.00	0.00	0.00	0.00
Proof	1	2	0.80	0.20	0.00	0.00
Contradiction	0	0.6	0.60	0.00	0.00	0.00
Elimination (including hard)	1	0.8	0.00	0.00	0.00	0.00
Algebraic	0	0.2	0.20	0.00	0.00	0.00
Counter-example/ always/sometime/never true	0	0.4	0.40	0.00	0.00	0.00
Parametric Equations	0	1.4	1.00	0.40	0.00	0.00
Finding in cartesian form	0	0.6	0.60	0.00	0.00	0.00
Integration	0	0.4	0.40	0.00	0.00	0.00
Differentiation	0	0.4	0.40	0.00	0.00	0.00
Co-Ordinate Geometry	1	2.2	0.60	0.40	0.20	0.00
Equation of a Circle	1	1	0.25	0.00	0.00	0.00
Solving Linear Mod Equations	0	0.6	0.60	0.00	0.00	0.00
Polynomials	1	1.4	0.40	0.00	0.00	0.00
Long Division	0	0.6	0.60	0.00	0.00	0.00
Factor Theorem	1	1.2	0.20	0.00	0.00	0.00
Differentiation	3	6	1.00	1.00	0.60	0.40
Implicit	0	1	0.80	0.20	0.00	0.00
Product Rule	1	1.2	0.20	0.00	0.00	0.00
Chain Rule	0	1.6	1.00	0.60	0.00	0.00
Quotient Rule	1	1.2	0.20	0.00	0.00	0.00
Models using Chain Rule	0	0.8	0.80	0.00	0.00	0.00
First Principles	1	0.4	0.00	0.00	0.00	0.00
Integration	2	5.2	1.00	1.00	0.80	0.40
Trapezium Rule	1	0.8	0.00	0.00	0.00	0.00
Substitution	0	0.6	0.60	0.00	0.00	0.00
Mixed Differentiation & Integration Big Q	0	0.4	0.40	0.00	0.00	0.00
Trig Identity	0	0	0.00	0.00	0.00	0.00
Integration by Parts	0	0.6	0.60	0.00	0.00	0.00
Serarate the Variables (Often in Context)	0	1.2	1.00	0.20	0.00	0.00
Partial Fractions	0	1	0.80	0.20	0.00	0.00

Trigonometry	2	4.2	1.00	0.60	0.40	0.20
Small angle approximations	1	0.8	0.33	0.00	0.00	0.00
Ralpa	0	0.6	0.60	0.00	0.00	0.00
Trig Identities	0	1.4	1.00	0.40	0.00	0.00
Solving Trig Equations	1	2	0.60	0.40	0.00	0.00
Radians (Arcs & Sectors)	1	0.8	0.00	0.00	0.00	0.00
Functions	1	2.8	1.00	0.60	0.20	0.00
Domains/ Ranges / General function Question	1	1	0.00	0.00	0.00	0.00
Graphical Transformations	0	0.8	0.60	0.20	0.00	0.00
Mod Function	0	1	1.00	0.00	0.00	0.00
Binomial Expansion	0	1.2	1.00	0.20	0.00	0.00
Integer Powers	0	0.2	0.20	0.00	0.00	0.00
Fractional/ Negative Powers	0	1	1.00	0.00	0.00	0.00
Sequences & Series	1	2.6	0.80	0.60	0.20	0.00
Arithmetic	0	0.8	0.80	0.00	0.00	0.00
Geometric	1	1.4	0.40	0.00	0.00	0.00
Recurrence	0	1	0.80	0.20	0.00	0.00
Proof	0	0.2	0.20	0.00	0.00	0.00
Sigma Notation	0	1	1.00	0.00	0.00	0.00
Numerical Methods	1	1.4	0.40	0.00	0.00	0.00
Change of Sign	1	0.8	0.00	0.00	0.00	0.00
Newton Raphson	0	0.4	0.40	0.00	0.00	0.00
Iterations	1	1	0.00	0.00	0.00	0.00
Logs & Exponentials	3	3.6	0.50	0.50	0.25	0.00
Log/ Exponential Equations	1	1.8	0.75	0.25	0.25	0.00
Exponential Models	1	1.6	0.60	0.00	0.00	0.00
Modelling	3	6.4	1.00	1.00	1.00	0.40