Paper 3B/4B: Further Statistics 1*

Торіс	What students need to learn:		
	Content		Guidance
1 Discrete	1.1	Calculation of the mean and variance of	Use of $E(X) = \mu = \sum x P(X = x)$
probability		discrete probability distributions.	and Var(X) = $\sigma^2 = \sum x^2 P(X = x) - \mu^2$
distributions		Extension of expected value function to include $E(g(X))$	The formulae used to define $g(x)$ will be consistent with the level required in A level Mathematics and A level Further Mathematics.
			Questions may require candidates to use these calculations to assess the suitability of models.