

Revision (5–6 weeks from exam)

Session	Topic	Subtopic	Important lessons	Done
1	Functions	Graphical Relationships, Inequalities and Inverse Functions	<u>Inequalities with a Variable in the Denominator</u> , <u>Graphing Inverse Functions</u>	<input type="checkbox"/>
2		Parametric Form of a Function or Relation	Parametric Equations of Curves (<u>Part 1</u> and <u>Part 2</u>)	<input type="checkbox"/>
		Polynomials	<u>The Factor Theorem</u> , <u>The Remainder Theorem</u>	<input type="checkbox"/>
3	Trigonometric Functions	Inverse Trigonometric Functions	<u>General Solutions</u>	<input type="checkbox"/>
		Further Trigonometric Identities	<u>Trigonometric Identities and Equations</u> , <u>The t-formula</u>	<input type="checkbox"/>
		Trigonometric Equations		<input type="checkbox"/>
4	Calculus	Rates of Change	<u>Exponential Growth and Decay</u>	<input type="checkbox"/>
		Further Calculus Skills	<u>Integrating the Inverse Trigonometric Functions</u>	<input type="checkbox"/>
5		Applications of Calculus	<u>Volumes for Solids of Revolution</u> , <u>Solving Differential Equations: Separation of Variables</u>	<input type="checkbox"/>
6	Combinatorics	Working with Combinatorics	<u>Probability Questions</u> , <u>The Binomial Theorem</u>	<input type="checkbox"/>
7	Vectors	Introduction to Vectors	<u>Position Vectors</u> , <u>Perpendicular Vectors</u> , <u>Parallel Vectors</u> , <u>Using Vector Projections</u>	<input type="checkbox"/>
8	Proof	Proof by Mathematical Induction		<input type="checkbox"/>
	Statistical Analysis	The Binomial Distribution	Binomial Distribution: Exam Application (<u>Part 1</u> and <u>Part 2</u>), <u>Using the Normal Approximation for the Sample Proportion</u>	<input type="checkbox"/>

Practice (3–4 weeks from exam)

Session	Topic	Subtopic	Confidence	Done
9	Functions	Graphical Relationships, Inequalities and Inverse Functions	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
10		Parametric Form of a Function or Relation	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Polynomials	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
11	Trigonometric Functions	Inverse Trigonometric Functions	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Further Trigonometric Identities	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Trigonometric Equations	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
12	Calculus	Rates of Change	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Further Calculus Skills	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
13		Applications of Calculus	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
14	Combinatorics	Working with Combinatorics	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
15	Vectors	Introduction to Vectors	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
16	Proof	Proof by Mathematical Induction	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
	Statistical Analysis	The Binomial Distribution	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>