

Revision (5–6 weeks from exam)

Session	Topic	Subtopic	Important Lessons	Done
1	Specialist Mathematics Units 1 and 2 Revision	Student can elect relevant areas for revision		<input type="radio"/>
2	Functions and Graphs	Graphing Techniques	<u>Functions of the Form <math>y=f( x )</math></u>	<input type="radio"/>
		Reciprocal and Inverse Trigonometric Graphs	<u>Graphing Reciprocal Trigonometric Functions With Transformations</u>	<input type="radio"/>
3	Algebra	Complex Numbers (Mod-Arg Form, Vector Operations With Complex Numbers, De Moivre's Theorem, Complex Roots)	<u>Modulus-Argument Form Division and Identities,</u> <u>Important Results Using Vector Addition (Part 1–Part 4),</u> <u>De Moivre’s Theorem (Example 1 and 2)</u>	<input type="radio"/>
4		Complex Numbers (Continued)	<u>Regions in the Argand Diagram (Part 1 and Part 2),</u> <u>Remainder Theorem and Division Theorem</u>	<input type="radio"/>
5	Calculus	Differential and Integral Calculus	<u>Harder Exam-Style Differentiation Practice (Part 1 &amp; 2),</u> <u>Integrating the Inverse Trigonometric Functions,</u> <u>Harder Trigonometric Integrals,</u> <u>Volumes for Solids of Revolution</u>	<input type="radio"/>
6		Differential Equations	<u>Solving Differential Equations: Separation of Variables</u>	<input type="radio"/>
		Kinematics	<u>Applying Further Motion Equations</u>	<input type="radio"/>
7	Vectors	Vector Operations in 3-D	<u>Vector Projections in 3-D,</u> <u>Using Vectors in 3-D Geometric Proofs (Part 1 and Part 2)</u>	<input type="radio"/>
8	Mechanics	Forces	<u>Resolving Forces</u>	<input type="radio"/>
		Resisted Motion	<u>Applying Resisted Horizontal Motion</u>	<input type="radio"/>

Practice (3–4 weeks from exam)

Session	Topic	Subtopic	Confidence	Done
9	Functions and Graphs	Graphing Techniques	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Reciprocal and Inverse Trigonometric Graphs	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
10	Algebra	Complex Numbers	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
11		Complex Numbers (Continued)	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
12	Calculus	Differential and Integral Calculus	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
13		Differential and Integral Calculus (Continued)	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
14		Differential Equations	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Kinematics	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
15	Vectors	Vector Operations in 3-D	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
16	Mechanics	Forces	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Resisted Motion	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>