Section	Topic	Taught	RAG
16.1	Complex numbers 2 - The exponential form		
16.2	Complex numbers 2 - De Moivre's formula		
16.3	Complex numbers 2 - Roots of unity		
17.1	Series - Summing series using partial fractions		
17.2	Series - Maclaurin Series 2		
18.1	Curve sketching 2 - Reciprocal and modulus graphs		
18.2	Curve sketching 2 - Transformations		
18.3	Curve sketching 2 - Hyperbolic functions 2		
18.4	Curve sketching 2 - Rational functions with oblique asymptotes		
19.1	Integration 2 - Improper integrals		
19.2	Integration 2 - Inverse trigonometric functions		
19.3	Integration 2 - Hyperbolic functions		
19.4	Integration 2 - Partial fractions		
19.5	Integration 2 - Reduction formulae		
19.6	Integration 2 - Polar graphs and areas		
19.7	Integration 2 - Lengths and surface areas		
20.1	Differential equations - First order equations		
20.2	Differential equations - Second order equations		
20.3	Differential equations - Simple harmonic motion		
20.4	Differential equations - Modelling systems		
20.5	Differential equations - Coupled equations		
21.1	Numerical methods - Numerical integration		
21.2	Numerical methods - Euler's method		
22.1	Matrices 2 - Determinants, inverse matrices and linear equations		
22.2	Matrices 2 - Row and column operations		
22.3	Matrices 2 - Eigenvalues and eigenvectors		
23.1	Vectors 2 - The vector product		
23.2	Vectors 2 - The equation of a plane		
23.3	Vectors 2 - Finding distances 2		
24.1	Circular motions 2 - Kinematics of circular motion 2		
24.2	Circular motions 2 - The conical pendulum		
24.3	Circular motions 2 - Vertical circular motion		
25.1	Centre of mass and stability - Moments of a force		
25.2	Centre of mass and stability - Centres of mass for point masses		
25.3	Centre of mass and stability - Centres of mass for uniform plane bodies		
25.4	Centre of mass and stability - Centres of mass for nonuniform bodies and solids		
25.5	Centre of mass and stability - Equilibrium		
26.1	Random processes - Continuous distributions 2		
26.2	Random processes - The exponential distribution		
27.1	Hypothesis testing and the t-test - Type-II errors and power		
27.2	Hypothesis testing and the t-test - The t-test		

Section	Topic	Taught	RAG
1.1	Complex Numbers 1 - Properties of arithmetic		
1.2	Complex Numbers 1 - Solving polynomial equations		
1.3	Complex Numbers 1 - Argand diagrams		
1.4	Complex Numbers 1 - Modulus-Argument form and loci		
2.1	Algebra and Series - Roots of polynomials		
2.2	Algebra and Series - Inequalities		
2.3	Algebra and Series - Summing series and Method of Differences		
2.4	Algebra and Series - Proof by Induction		
2.5	Algebra and Series - Maclaurin's series 1		
3.1	Curve Sketching 1 - Linear rational functions		
3.2	Curve Sketching 1 - Quadratic rational functions		
3.3	Curve Sketching 1 - Polar coordinates		
3.4	Curve Sketching 1 - Parabolas, ellipses and hyperbolas		
3.5	Curve Sketching 1 - Hyperbolic functions 1		
4.1	Integration 1 - Mean values		
4.2	Integration 1 - Volumes of revolution		
5.1	Matrices 1 - Properties and arithmetic		
5.2	Matrices 1 - Transformations		
5.3	Matrices 1 - Systems of linear equations		
6.1	Vectors 1 - The equation of a straight line		
6.2	Vectors 1 - The scalar product		
6.3	Vectors 1 - Finding distances 1		
7.1	Energy and Forces - Work, energy and power		
7.2	Energy and Forces - Hooke's law		
7.3	Energy and Forces - Dimensional analysis		
8.1	Momentum - Conservation of momentum		
8.2	Momentum - Collisions		
8.3	Momentum - Impulses		
9.1	Circular Motion 1 - Kinematics of circular motion		
9.2	Circular Motion 1 - Horizontal circular motion		
10.1	Discrete and Continuous Random Variables - Discrete distributions and expectation		
10.2	Discrete and Continuous Random Variables - The Poisson distribution		
10.3	Discrete and Continuous Random Variables - Continuous distributions 1		
11.1	Hypothesis testing and Contingency tables - Hypothesis testing and errors		
11.2	Hypothesis testing and Contingency tables - Contingency tables		
11.3	Hypothesis testing and Contingency tables - Confidence intervals		