

Help sought to be filled in by tutor:

1 - Calculus

- 1.1 Integration - calculus
- 1.2 Differentiation - calculus
- 1.3 Ordinary differential equations (ODE's)
- 1.4 Partial differential equations (PDE's)
- 1.5 Vector calculus
- 1.6 Non-linear differential equations

2 - Algebra

- 2.1 Completing the square
- 2.2 Straight lines / quadratic equations
- 2.3 Algebra - rearranging equations
- 2.4 Complex numbers
- 2.5 Polynomial division
- 2.6 Trigonometry
- 2.7 Projectiles
- 2.8 Geometry
- 2.9 Curve sketching
- 2.10 Logarithms and exponentials
- 2.11 Simultaneous equations
- 2.12 Velocity / acceleration

3 - Higher level algebra

- 3.1 De Moivre's theorem
- 3.2 Linear algebra
- 3.3 Matrices
- 3.4 Eigenvectors / eigenvalues
- 3.5 Linear programming
- 3.6 Vectors

4 - Business

- 4.1 Optimisation
- 4.2 Interest rates

5 - Statistics

- 5.1 Mann-Whitney statistics test
- 5.2 Regression
- 5.3 Standard deviation / measures of spread
- 5.4 Interpolation
- 5.5 Correlation

6 - Mechanics

- 6.1 Mechanics
- 6.2 Projectiles
- 6.3 Stress / strain
- 6.4 Resolving forces / moments

7 - Numeracy

- 7.1 Drug calculations for nurses
- 7.2 Psychometric tests / Numerical tests / Numerical reasoning
- 7.3 Numeracy

8 - Analysis

- 8.1 Taylor / maclaurin / binomial series
- 8.2 Sequences / series
- 8.3 Fourier series
- 8.4 Laplace transforms
- 8.5 Analysis - limits / continuity

8 - Analysis

- 8.6 Riemann integration
Trapezium / Simpson's rule
- 8.7 Numerical analysis
- 8.8 complex analysis

9 - Other

- 9.1 Exam paper - revision
- 9.2 Fluid mechanics
- 9.3 Thermodynamics
- 9.4 Other - pure maths
- 9.5 Other - applied maths
- 9.6 Other - statistics
- 9.7 Other - probability
- 9.8 Other - algebra
- 9.9 Other - analysis

Any other comments?

Any issues that might have wider implications for the service? e.g. New topic for workshop/website, weblinks not working etc.