



F.E. Sem.I @ Vidyalankar Supplement – 3 [Nov. 2018 Exam]

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Sequence in which the Modules will be covered in our Batches

Maths – I

Modules	Approximate Weightage in University Exam
Partial Differentiation	21 Marks
Applications of Partial Differentiation & Expansion of Functions	19 Marks
Matrices	21 Marks
Indeterminate forms, Numerical Solutions of Transcendental Equations and System of Linear Equations	20 Marks
Complex Numbers	21 Marks
Logarithm of Complex Numbers, Successive Differentiation	18 Marks

Mechanics

Modules	Approximate Weightage in University Exam
Forces in Space, Friction & Principle of Virtual Work	26 - 28 Marks
Kinematics of Particles	10 - 20 Marks
Kinematics of Rigid Bodies	12 Marks
Kinetics of a Particle	16 - 20 Marks
System of Coplanar Forces & Centroid	14 - 18 Marks
Equilibrium of System of Coplanar Forces, Types of Support & Analysis of Plane Trusses	28 - 32 Marks

B.E.E.

Modules	Approximate Weightage in University Exam
AC Circuits	34 Marks
Three Phase Circuits	20 Marks
Single Phase Transformer	24 Marks
DC Circuits	34 Marks
DC Machines	8 Marks