



Target XAT 2018 provides the detailed Solutions to XAT 2005 to XAT 2017 original Question Papers. The book also provides the topics of the essays asked in each of these XAT examinations. The book also contains 5 Mock tests designed exactly as per the latest pattern of XAT. Each Mock Test has 2 parts as per the new format. Part I contains questions on Decision Making, English Language & Logical Reasoning and Quantitative Ability whereas Part 2 contains Essay Writing and questions on General Awareness on Business Environment, Economics and Polity. The detailed solution to each test is provided at the end of the book. The book also contains the list of essays asked in the last 13 years of XAT and a list of essays for practice.

Description: The eBook contains topic wise questions for UPSC Mathematics Optional paper. All Topics are covered This book is a complete guide to Practice different type of problems from each topic. This book will save TIME in collecting books from different source , study material from different institutes, pdfs, internet information etc. All questions are available at one place. This book will be useful for Last minute preparation to cover all topics ,check preparation and fill the voids to complete it. UPSC MATHEMATICS Optional will definitely make you Topper. But you need to PRACTICE, PRACTICE and more PRACTICE. This book will provide you more PRACTICE. The topics covered are : 01 Matrix Linear Algebra,Problems on Matrices ,Rank Normal Form, Matrix Inverse,Linear Eqns, Diagonalisation Problems, Cayley Hamilton Problems, Quadratic Problems, Vector Spaces, Linear Dependence ,Basis Problems, Eigen Values, Linear Transformation, Problem Set 02 Calculus and Real Analysis ,Limits, Continuity, Differentiability, Max Min Single Variable, Max Min Two Variable, Max Min Multi Variable, Lagrange Multiplier, Mean Value Theorem, MVT Taylor Maclaurin,Improper Integrals, Indeterminants, Differentiation under Integral Sign, Jacobians, Length of Arc, Areas, Volumes, Surfaces ,Partial Differentiation ,PD Eulers, Total Differentiation, Definite Integral as Sum, Beta Gamma 1,Beta Gamma 2,Asymptote,Multiple Integrals, Riemann Integrals, Sequences, Series, Uniform Convergence, Several Variable Functions 03 Analytic Geometry ,Directional Cosines, Planes, Straight Lines ,Shortest Distance, Sphere ,Cylinder, Cones. Conicoids 04 ODE,First Order Linear, Orthogonal Trajectory Degree, Clairaut Singular Solns ,Constant Coeff Cauchy Euler, Variation Parameter Normal Form 05 Statics Dynamics ,Work Energy Rectilinear ,SHM , Projectile ,Central Orbits ,Catenary Problems ,Stable UNstable Equilibrium ,Virtual Work 06 Vector Analysis ,Gradient Divergence ,Green Gauss Divergence ,Differential Geometry 07 Algebra Group, SubGroups, Orders, Cosets Lagrange, Cyclic Group, Normal Subgroup, Cosets, Homomorphism, Rings ,Ideal Ring Homo, Embedding Max prime Ideals ,ED PID 08 Complex Analysis ,Analytic Function, Complex Integration ,Taylor Laurent Series, Poles Residue, Counter Integration , Rouches Theorem, Singularity, Power Series 09 PDE ,Formation Linear, Orthogonal Charpit Multivariable, Clairaut Complete Integrals Charpit, Homogeneous NonHomogeneous ,Boundary Problems 10 Numerical Analysis ,Algebraic Eqns, Interpolation, Integration ,ODE 11 Mechanics Lagrange Hamiltonian Fluid Dynamics Lagrange Velocity Acceleration , Boundary Problems, Continuity Eqns ,Euler Bernoulli Problems ,Velocity Potential, Source Sink,Vortex motion, Misc Problems

Copyright code : 8e58b4244e3a5eb91f7e54cb939cb86e