

Quantitative Techniques In Management Vohra

Quantitative Techniques: Theory and Problems adopts a fresh and novel approach to the study of quantitative techniques, and provides a comprehensive coverage of the subject. Essentially designed for extensive practice and self-study, this book will serve as a tutor at home. Chapters contain theory in brief, numerous solved examples and exercises with exhibits and tables.

An accessible introduction to the essential quantitative methods for making valuable business decisions Quantitative methods-research techniques used to analyze quantitative data-enable professionals to organize and understand numbers and, in turn, to make good decisions. Quantitative Methods: An Introduction for Business Management presents the application of quantitative mathematical modeling to decision making in a business management context and emphasizes not only the role of data in drawing conclusions, but also the pitfalls of undiscerning reliance of software packages that implement standard statistical procedures. With hands-on applications and explanations that are accessible to readers at various levels, the book successfully outlines the necessary tools to make smart and successful business decisions. Progressing from beginner to more advanced material at an easy-to-follow pace, the author utilizes motivating examples throughout to aid readers interested in decision making and also provides critical remarks, intuitive traps, and counterexamples when appropriate. The book begins with a discussion of motivations and foundations related to the topic, with introductory presentations of concepts from calculus to linear algebra. Next, the core ideas of quantitative methods are presented in chapters that explore introductory topics in probability, descriptive and inferential statistics, linear regression, and a discussion of time series that includes both classical topics and more challenging models. The author also discusses linear programming models and decision making under risk as well as less standard topics in the field such as game theory and Bayesian statistics. Finally, the book concludes with a focus on selected tools from multivariate statistics, including advanced regression models and data reduction methods such as principal component analysis, factor analysis, and cluster analysis. The book promotes the importance of an analytical approach, particularly when dealing with a complex system where multiple individuals are involved and have conflicting incentives. A related website features Microsoft Excel® workbooks and MATLAB® scripts to illustrate concepts as well as additional exercises with solutions. Quantitative Methods is an excellent book for courses on the topic at the graduate level. The book also serves as an authoritative reference and self-study guide for financial and business professionals, as well as readers looking to reinforce their analytical skills.

This text is designed to provide an understanding of quantitative techniques, this manual is suitable for students on IComA, ACCA, CIMA, CIPFA, ICOSA, IDPM, BA Business Studies and BTEC higher level courses. It contains self-review questions and longer examination answers. A lecturers' support pack is included.

Quantitative Techniques In Mgt

QT IN MANAGEMENT 4E

Business Mathematics and Statistics

Advanced Optimization and Decision-Making Techniques in Textile Manufacturing

Quantitative Techniques in ManagementQuantitative Techniques in ManagementQuantitative

Techniques in Management,3eTata McGraw-Hill EducationQuantitative Techniques for

ManagementExcel Books India

The book covers clear and crisp pedagogy in the field of decision making process, which pervades the activities of every business manager. Modest attempt has been made to discuss some of the commonly used quantitative techniques in a wide spectrum of decision-making situations. It presents the application of various techniques through a large number of examples and review illustrations. A number of problems from various examinations have also been incorporated. Simplicity in explaining complex phenomena and lucidity in style are the twin objectives of the authors' in organizing the chapters of the book so that students of Civil, Production, Mechanical, Electrical and Electronics Engineering, Commerce, Management, CA and ICWA can derive maximum benefit. This Text Emphasizes Balancing The Theory Behind Decision Modeling And The Use Of Spreadsheets To Easily Set Up And Solve These Models. From A Managerial Is To Gain Insight Into The Problem, Not The Detailed Mechanics Of The Solution Process.

Quantitative Methods

The Product Manager's Toolkit®

Problems & Solutions in Inventory Management

Operation Research: Simulation And Replacement Theory

Problems in Operation Research (Principles & Solution)

With its broad coverage of methodology, this comprehensive book is a useful learning and reference tool for those in applied sciences where analysis and research of time series is useful. Its plentiful examples show the operational details and purpose of a variety of univariate and multivariate time series methods. Numerous figures, tables and real-life time series data sets illustrate the models and methods useful for analyzing, modeling, and forecasting data collected sequentially in time. The text also offers a balanced treatment between theory and applications. Time Series Analysis is a thorough introduction to both time-domain and frequency-domain analyses of univariate and multivariate time series methods, with coverage of the most recently developed techniques in the field.

This book has been developed with a focus on the need to demystify the subject and make it easy for students to grasp the principles and details involved, and make it easily understandable to beginners exposed to the subject for the first time. An attempt has been made to explain things in a logical progression, in the simplest possible way so that neophytes may quickly grasp the concepts and methodology. A novel approach in the book is the illustrative use of computers with TORA package, as a problem-solving tool. In actual practice, situations arise with large and complex problems that are difficult to solve. At such times, using computers to solve problems gives fast and more accurate results. The chapters are arranged so as to progressively explain the workings of various models in actual practice through step-by-step procedures that so simplify and solve them, that even students from a non-mathematics

academic background will grasp them quickly. Linear programming, the most powerful tool for managerial decision-making is covered elaborately, including thorough discussion of various LP methods and LP solutions, Duality in LP problems, sensitivity analysis, etc. Models in the book also use Linear Programming to reach solutions including those relating to transportation and transshipment, assignment, and Game Theory&illustrated with screen-shots of a computer with a TORA package. Readers whether students, business executives, managers, researchers and academicians will find that the insights and knowledge obtained from the book will stand them in good stead in both academic as well as occupational pursuits.

The tools of Quantitative Techniques are essential for every Commerce and Management student of the modern business world. This book is designed according to the syllabus of MBA/PGDBA course students.

Quantitative Techniques for Managerial Decisions

Logistics Management

Management Techniques for Employee Engagement in Contemporary Organizations

Concepts, Models and Behavior

Principles and Solutions

This book on Operation Research has been specially written to meet the requirements of the M.Sc., M.Com. and M.B.A. students for all Indian Universities. The subject matter has been discussed in such a simple way that the students will find no difficulty to understand it. The proof of various theorems and examples has been given with minute details. Each chapter of this book contains complete theory and fairly large number of solved examples, sufficient problems have also been selected from various universities examination papers. Contents: Simulation, LPP with Applications, Minimization Problem, Replacement and Maintenance Theory.

This book presents a compilation of over 200 numerical problems and solutions that students can use to learn, practice and master the Inventory Control and Management concepts. Intended as a companion to any of the standard textbooks in Inventory Control and Management and written in simple language, it illustrates very clearly the steps students need to follow in order to solve a given problem. It also explains which solution methodologies can be used under which circumstances. Offering an ideal one-stop resource for mid-level engineering and business students who have taken Inventory Management or a related subject as an elective, this book is the only one students will ever need to prepare and gain confidence for their examinations in this subject.

This groundbreaking interdisciplinary Handbook showcases the latest intuition research, integrated in a framework that reconciles various views on what intuition is and how it works. The internationally

renowned group of contributors presents their findings in five areas. Part I explores different facets of the intuiting process and its outcome, the role of consciousness and affect, and alternative ways of capturing intuition. Part II deals with its function in expertise, strategy, entrepreneurship, and ethics. Part III outlines intuitive decision making in critical occupations, the legal profession, medicine, the film and wine industries, and teaching. Part IV pushes the boundaries of our current understanding by exploring the possibility of non local intuition, based on the principles of quantum holography. Part V investigates different ways of developing intuitive skills. This cutting-edge, comprehensive Handbook will prove essential for academics and research students of the social sciences, particularly management, psychology, sociology, entrepreneurship, leadership, team dynamics, HR and training. It will also be an invaluable resource for industry professionals searching for soft-core methods to increase productivity and creativity/innovation, to improve leadership and organizational climate, or to adopt new staff training and development methods.

Statistics for Management

Production and Operations Management

Quantitative Methods for Business (Book Only)

INDUSTRIAL ENGINEERING AND MANAGEMENT

Quantitative Methods for Business and Management

*This is a reformatted version of Prof C R Kothari's all-time great book **Quantitative Techniques (Third Revised Edition)**. Students and teachers will find the readability in the new version much enhanced and thus comprehension greatly improved. All the diagrams have been freshly drawn for clarity. The book does not need much introduction as it has been known for years for its simplicity of approach which explains the tedious concepts of quantitative techniques in a most readerfriendly manner through practical examples. The style is so lucid that even a reader having no formal training of mathematics and statistics will not find it difficult to understand and to apply these techniques. The book is meant for MCom, CA, ICWA and degree diploma students of business administration.*

Develop a strong conceptual understanding of the role that quantitative methods play in today's decision-making process. Written for the non-mathematician, this applications-oriented text introduces today's many quantitative methods, how they work, and how decision makers can most effectively apply and interpret data. A strong managerial orientation motivates while actual examples illustrate situations where quantitative methods make a difference in decision making. A strong Problem-Scenario Approach helps you understand and apply mathematical concepts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The book discusses some of the commonly used quantitative techniques in a wide spectrum of decision-making situations. It is addressed alike to the managers of today and tomorrow. The book is intended to provide a comprehensive presentation of the essential topics of quantitative decision making.
Theory and Problems

Quantitative Techniques for Management

Quantitative Techniques for Decision Making

QUANTITATIVE TECHNIQUES FOR MANAGERIAL DECISIONS

An Introduction for Business Management

Logistics has advanced from the warehousing and transportation to boardrooms of the successful leading companies across the world. Logistic capabilities supplement the supply chain operation. It plays an important role in both organizational strategy and

Engaged employees are assets to every company because they are not only more productive but are also open to new ideas and technologies that often lead to significant business outcomes. Businesses need to establish credible antecedents to employee engagement based on their own culture and needs to develop a pool of highly engaged employees. Management Techniques for Employee Engagement in Contemporary Organizations provides theoretical frameworks and the latest empirical research findings on management strategies for the promotion, adoption, and implementation of work engagement policies. The content within this publication examines gamification, employee engagement, and management techniques and is designed for academicians, managers, business professionals, human resources officers, policymakers, and researchers.

The new edition of Quantitative Methods for Business and Management offers a complete introductory course in Quantitative Methods, providing students with basic practical experience in quantitative approaches in modelling and analysis for business and management. The book features sections on foundation topics, models for business and management, and modelling and analyzing decisions. In particular, the new edition features greater coverage of statistics to reflect teaching in this area, with chapters on Elementary Statistics, Summary Statistics and Inferential Statistics. Other new areas of coverage in the second edition include Network Models and Non-linear Models. The book retains its popular style which offers students numerous examples accompanied by clear and straightforward explanations. Excel examples are also integrated throughout to help students to understand how this software tool is used by managers, and frequent questions and exercises enable students to test their understanding. A free CD contains Excel applications and solutions to the exercises in the textbook, and a full online learning centre completes an excellent learning package for business students.

Essential Concepts and Applications

Methodologies, Processes, and Tasks in Technology Product Management

Ugc-Nta-Commerce-Set-Net-Jrf-A Comprehensive Look

Pricing and Revenue Optimization

Operations Research

This book provides a consistent and holistic managerial approach to product management and presents a practical and comprehensive methodology (roles, processes, tasks, and deliverables) that covers all aspects of product management. It helps students of product management, product management practitioners, product management organizations, and corporations understand the value, theory, and implementation of product management. It outlines a practical approach to clarify role definitions, identify responsibilities, define processes and deliverables, and improve the ability to communicate with stakeholders. The book details the fundamentals of the Blackblot Product Manager's Toolkit® (PMTK) product management methodology, a globally adopted best practice.

The book "COMMERCE SET-NET-JRF-A COMPREHENSIVE LOOK" is a comprehensive book for aspirants in the domain of Commerce and Management. All the subjects are very well incorporated in this book. NTA has revised the new pattern of examination and we have designed the book to meet those specific requirements. Practically speaking since last eight years I have given SET-NET Exams, I have faced a big challenge of books for exams. There are very few books in the domain of Commerce and Management. These books are like guide format which consists question and answers without proper justification of answers. Exams are tough nowadays and relying on limited source of information is waste of time. By realizing this need we have designed this book "COMMERCE SET-NET-JRF-A COMPREHENSIVE LOOK" This book has taken into consideration every single aspect which aspirant think he should have in his hand while preparing for the exam. My expertise in this domain is since last eight years and I have qualified exams for record 17 times in the domain of Commerce and Management. We have carefully gone through all the state level exam papers, their level of difficulty and provided valuable justification at the end of the each question. Subject like Economics can be very well understood through diagrams. We have incorporated diagrams in the book wherever necessary. Most of the information provided in this book is taken from authentic and original source with due acknowledgement to them. All the subjects are very well incorporated in this book and it will be a must-read book for all the aspirants.

This Book Is Designed To Serve As A Text For Management, Economics, Accountancy (Chartered And Cost Accountancy), And Commerce Students. The Book Covers Concepts, Illustrations And Problems In Statistics And Operations Research. Part I Deals With Statistical Techniques For Decision Making. Part II Studies Various Operations Research Techniques For Managerial Decisions. The Book Contains Illustrations And Problems, Drawn Extensively From Various Functional Areas Of Management, Viz., Production, Finance, Marketing And Personnel, Which Are Designed To Understand Real Life Decision Making Situations. In Order To Make The Book Self-Contained, All Relevant Mathematical Concepts And Their Applications Have Been Included. To Enhance The Understanding Of The Subject Matter By The Students Belonging To Different Disciplines, The Approach Adopted In This Book, Both In Statistics And Operations Research, Is Conceptual Rather Than Mathematical. Hence Complicated Mathematical Proofs Have Been Avoided. This Book Would Be An Ideal Reference To Executives, Computer Professionals, Industrial Engineers, Economic Planners And Social Scientists. The Other Books By The Same Authors Are: Operations Research For Management And Business Statistics.

Fundamentals of Management

Time Series Analysis Univariate and Multivariate Methods

Management: Principles and Practice

Theory and Problems in Quantitative Techniques in Management

Quantitative Techniques in Management, 3e

The author have used numerical examples as the means for presentation of the underlying ideas of different operations research techniques. Accordingly, a large number of comprehensive solved examples, taken from a variety of fields, have been added in every chapter and they are followed by a set of unsolved problems with answers (and hints wherever required) through which readers can test their understanding of the subject matter. The book, in its present form, contains around 650, examples, 1,280 illustrative diagrams.

This is the first comprehensive introduction to the concepts, theories, and applications of pricing and revenue optimization. From the initial success of "yield management" in the commercial airline industry down to more recent successes of markdown management and dynamic pricing, the application of mathematical analysis to optimize pricing has become increasingly important across many different industries. But, since pricing and revenue optimization has involved the use of sophisticated mathematical techniques, the topic has remained largely inaccessible to students and the typical manager. With methods proven in the MBA courses taught by the author at

Columbia and Stanford Business Schools, this book presents the basic concepts of pricing and revenue optimization in a form accessible to MBA students, MS students, and advanced undergraduates. In addition, managers will find the practical approach to the issue of pricing and revenue optimization invaluable. Solutions to the end-of-chapter exercises are available to instructors who are using this book in their courses. For access to the solutions manual, please contact marketing@www.sup.org.

Optimization and decision making are integral parts of any manufacturing process and management system. The objective of this book is to demonstrate the confluence of theory and applications of various types of multi-criteria decision making and optimization techniques with reference to textile manufacturing and management. Divided into twelve chapters, it discusses various multi-criteria decision-making methods such as AHP, TOPSIS, ELECTRE, and optimization techniques like linear programming, fuzzy linear programming, quadratic programming, in textile domain. Multi-objective optimization problems have been dealt with two approaches, namely desirability function and evolutionary algorithm. Key Features Exclusive title covering textiles and soft computing fields including optimization and decision making Discusses concepts of traditional and non-traditional optimization methods with textile examples Explores pertinent single-objective and multi-objective optimizations Provides MATLAB coding in the Appendix to solve various types of multi-criteria decision making and optimization problems Includes examples and case studies related to textile engineering and management

Expertise From 17 Times Qualifier

OPERATIONS RESEARCH: PRINCIPLES AND PRACTICE, 2ND ED

Managerial Decision Modeling With Spreadsheets And Student Cd Package, 2/E (With Cd)

Quantitative Techniques

Quantitative Techniques in Management

About The Book: This edition includes a new chapter on decision analysis, and additional material on computer solutions of linear programming problems, LP applications, the use of sensitivity analysis output, minimal spanning tree, goal programming, network of queues, and more. Throughout, mathematics is kept to an intermediate level.

The book is primarily intended as a text for all branches of B.Tech, M.Tech and MBA courses. Beginning with an introduction to industrial engineering, it discusses contributions and thoughts of classical (Taylor, Fayol, and Weber's), neo-classical (Hawthorne) and modern thinkers. The book explains different functions of management, and differentiate between management and administration. Various types of business organisations with their structures and personnel management also find place in the book. Topics related to facilities location, material handling, work study, job evaluation and merit rating, wages and incentives that are of prime importance in any business are discussed. The book is aimed at providing a better understanding of industrial operations with practical approach. Financial aspects related to business operations such as financial management, management accounting, breakeven analysis, depreciation and replacement policies for equipment assume prime importance. Numerical examples have been solved at appropriate places to create interest in readers. Marketing aspects of business as

marketing management, new product development and sales forecasting methods are discussed, besides management and control of operations. For maintaining industrial peace, good relationship between employers and employees is essential. Chapters on industrial relations, industrial safety and industrial legislations are introduced with the objective of providing readers with information on these important aspects. Good decision-making is what differentiates a good manager from a bad one. Thus, a chapter on decision-making is added to examine its skill. Network constructions, CPM, PERT have been covered under project management. Quantitative techniques for decision-making as linear programming, transportation problems, assignment problems, game theory, queuing theory, etc., are also discussed in this textbook.

KEY FEATURES

- Lucid presentation of the concepts.
- Illustrative figures and tables make the reading more fruitful and enriching.
- Numerical problems with solutions form an integral part of the book, making it application-oriented.
- Chapter-end review questions test the students' knowledge of the fundamental concepts.

This book is specially designed for a course in Quantitative Techniques taught to MBA students. It provides the students with a thorough introduction to basic quantitative tools required to perform analytical evaluations and arrive at logical decisions. The second edition of the book essentially retains the flavour of the first edition. Concepts have been explained in an easy to understand language and emphasis is on practical applications rather than rigorous mathematical treatment. As far as possible, detailed proofs and axioms associated with pure mathematics have been avoided. The text in the second edition has been suitably modified for giving better clarity. Nearly fifty solved examples have been added to various chapters to enable students to understand the nuances of problem solving. Fifty unsolved problems have also been added to give ample scope to the student for practice. The book also includes chapters on transportation models, assignment models and network analysis.

KEY FEATURES :

Learning objectives at the beginning of each chapter enable students to focus on important points of a chapter. Case studies and real life problems to connect students to the real-world situations. Worked examples to enhance student comprehension of the subject. Numerous well-balanced chapter-end exercises with answers to help students attain confidence and master the concepts. Illustrations on solutions to problems with the help of computer software. Summary at the end of each chapter to help students review the key concepts.

Quantitative Techniques, 3rd Edition

Handbook of Intuition Research

Quantitative Techniques for Managerial Decisions is an introductory text for both undergraduate and postgraduate courses on Quantitative Methods, Operations Research, Management, Science and similar courses. This book helps an understanding of model build

This comprehensive textbook specifically focuses on building a thorough foundation on management studies by sequentially developing the components and basics of management principles and approach, discussing and analysing the key features and methods of modern management practices, and finally exposing the students to some essential topics on environment management, business ethics, corporate governance, and total quality management for sustainable growth and development of business. Students and practicing professionals in this field will be immensely benefited by the coverage and treatment of the book. Key Features — Based on industry experience with focus on building a strong foundation for management studies, especially in the context of the Indian business environment — Covers critical areas of management like strategic planning, strategic management, supply-chain management, international trade, entrepreneurship and small business management, information management, environment management, business ethics, corporate governance and modern tools for TQM, including cost of poor quality, benchmarking and six-sigma practice — Emphasis on management issues critical to business – organisational culture and leadership, modern HRM, external business environment, ethics of business and corporate governance, and responsibility for natural environment management for sustainable growth — Provides a wider coverage of the interconnected functions, methods, processes, variables, strategies and tools for excellence in business management, including 80-20 rule, Murphy's Law, 1-10-100 rule of cost management, 360 degree appraisal, JIT, TPM, Kaizen etc. We take great pleasure in presenting to the readers the second thoroughly revised edition of the book after a number of reprints. The suggestions received from the readers have been carefully incorporated in this edition and almost the entire subject matter has been reorganised, revised and rewritten.