

[5258]-2011
S.Y. B.Com
BUSINESS STATISTICS - I
(2013 Pattern) (Special Paper - I)

*Time : 3 Hours]**[Max. Marks : 80**Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of statistical tables and calculator is allowed.*

Q1) Attempt any five of the following:**[10]**

- a) State three methods of collection of vital statistics.
- b) Define an attribute. State the condition when two attributes are independent.
- c) Give any two uses of life table.
- d) Given $r_{12} = 0.58$, $r_{13} = 0.47$ and $r_{23} = 0.78$, find $R_{2,13}$.
- e) Define time series. State four components of time series.
- f) Compute T_{20} . Given that $e_{20}^* = 31$ and $I_{20} = 550$.
- g) Given $\alpha = 0.1$, Estimate the profit for the year 2017 using exponential smoothing method for:

Year	Profit (in crores)
2014	125.6
2015	127.2
2016	128.3

Q2) Attempt any four of the following:**[20]**

- a) Calculate the coefficient of association between education of fathers and that of sons given that

Educated fathers with Educated sons	= 20
Educated fathers with Un-educated sons	= 16
Un-educated fathers with Educated sons	= 50
Un-educated fathers with Un-educated sons	= 40

Comment on the nature of association.

P.T.O.

Business Mathematics Statistics Notes For Bcom 2nd Year

University of South Africa



Business Mathematics Statistics Notes For Bcom 2nd Year:

Business Mathematics & Statistics Dr. Laxman B. Bahir, Dr. Murlidhar A. Lokhande, 2014-06-07 This book is useful for B Com B A B B A B C A B B M etc of all universities in Maharashtra The book has been written in simple and lucid manner to make the subject matter easy to understand An ample number of practical problems under both solution and exercise section has been given for practice to the students

Directory of Canadian Universities, 2001 Business Mathematics And Statistics-SBPD Publications Dr. B. N. Gupta, 2021-11-22 BUSINESS MATHEMATICS 1 Arithmetic Progression 2 Geometric Progression 3 Harmonic Progression 4 Simple Interest 5 Compound Interest 6 Profit and Loss 7 Percentage 8 Stock and Shares 9 Discount 10 Present Value 11 Ratio and Proportion STATISTICS 1 Statistics Meaning Nature and Limitations 2 Statistics Scope and Importance 3 Statistical Investigation 4 Types and Collection of Data 5 Questionnaire and Schedule 6 Sample Survey 7 Editing of Collected Data 8 Classification and Tabulation of Data 9 Diagrammatic Presentation of Data 10 Graphic Presentation of Data 11 Construction of Frequency Distribution 12 Measures of Central Tendency 13 Geometric Mean and Harmonic Mean 14 Partition Values 15 Measures of Dispersion 16 Measures of Skewness 17 Moments 18 Measures of Kurtosis 19 Correlation 20 Index Number Appendix Log Antilog Table

The Management Accountant, 1979 **Financial Mail**, 2004-10 **Calendar** University of Botswana, 2004 *International Handbook of Universities*, 2010 **Faculty Personnel** American Assembly of Collegiate Schools of Business, 1976 *Commonwealth Universities Yearbook*, 1982-02 *The Calendar* University of South Africa, 1992 Capitalizing Knowledge Barbara J. Austin, 2000-01-01 The history of eight Canadian business faculties are examined through a series of essays in their search for professional legitimacy

Business Mathematics & Statistics 2Ed A. P. Verma, 2005-01-01 Text Book For Ca Icwa And Cs Foundation And Professional Education Course 1 Ms 8 And Ms 95 Courses Of Ignou Bca Mca Mba B Com M Com Business Mathematics And Statistics For Ca Icwa And Cs Foundation And Pe Course 1 Spread Over In More Than Forty Chapter And Four Figure Pages In The Twin Sections The Textbook Encompasses Tailormade Topics Of The Three Professional Bodies Ca Icwa And Cs Content Highlights Preface Mathematics Averages Percentage Mixtures Ratio Proportion And Variation Mathematics Of Finance Indices And Surds Number System Theory Of Equations Logarithms Elements Of Set Theory Truth Table Its Applications To Statements Determinants Linear Quadratic Exponential Logarithmic Functions Concept Of Breakeven Point Progression Permutations And Combinations Matrices Graph Of Inequalities Linear Programming Techniques Basics Vector Algebra Functions Limits And Continuity Differentiation Successive Differentiation Application Of Differential Coefficients Maxima And Minima Integration Rules Of Integration Definite Integrals Application Of Integral Calculus Plane Analytical Geometry Co Ordinate Geometry Mensuration Statistics Quantative Techniques Meaning Scope And Limitations Of Statistics Collection And Presentation Of Statistical Data Measure Of Central Tendency Measures Of Dispersion Skewness And Kurtosis Correlation Analysis Regression Analysis Probability And Expected Value Binomial

Distribution Poission Distribution Normal Distribution Theory Of Sampling And Test Of Hypothesis Chi Square Test Fisher S Transformation F Test And Analysis Of Variance Time Series Analysis And Forecasting Index Numbers Model Test Paper Appendices Guide to Higher Education in Africa, 4th Edition International Association of Universities,2007 The fourth edition of The Guide to Higher Education in Africa contains reliable and up to the minute information on higher education throughout Africa over 900 institutions in 47 countries plus details of national education systems and agencies in a single reference source *Business Mathematics and Statistics* Ghosh & Saha,2012 The book is written for the students of Commerce Undergraduate and MBA Matrices and Determinants have been written from the viewpoint of Commerce students

Business Mathematics And Statistics G. Srinivasa,2008 This Book Is Designed As Per The Syllabus Presented By Various Indian Universities Including Bangalore University The Book Has The Following Distinct Features It Explains The Concepts In A Simple And Lucid Language With Suitable Examples Diagrams And Tables Each Chapter Includes List Of Formulae Large Number Of Solved Examples Additional Practice Problems With Answers Examples Have Been Graded With Care Previous Years Question Papers Included The Book Would Serve As An Excellent Text For Not Only Bbm Students But Also Those Preparing For C A M B A IcwA Inter And C S Examinations *Annuaire Des Univerités Canadiennes* ,1971

Elements of Business Statistics Harry Benham,1994-06-01 **Mathematics And Statistics For Managemen** K B Akhilesh (Yogoda),2009-11-01 The Book Provides Quantitative Tools To Tackle Real Life Problems Of The Corporate World It Has Been Designed To Prepare Mba Students To Take A Straight Plunge Into The Streams Of Mathematics Statistics And Operations Research For Business Purposes It Topics in Business Mathematics and Statistics Dr. Qazi Shoeb Ahmed,Dr. Mohd. Vaseem Ismail,Shadab Ahmad Khan,2008 **Essential Business Mathematics & Business Statistics** R.S.Soni,2009

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Table of Contents Business Mathematics Statistics Notes For Bcom 2nd Year

1. Understanding the eBook Business Mathematics Statistics Notes For Bcom 2nd Year
 - The Rise of Digital Reading Business Mathematics Statistics Notes For Bcom 2nd Year
 - Advantages of eBooks Over Traditional Books
2. Identifying Business Mathematics Statistics Notes For Bcom 2nd Year
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Business Mathematics Statistics Notes For Bcom 2nd Year
 - User-Friendly Interface
4. Exploring eBook Recommendations from Business Mathematics Statistics Notes For Bcom 2nd Year
 - Personalized Recommendations
 - Business Mathematics Statistics Notes For Bcom 2nd Year User Reviews and Ratings
 - Business Mathematics Statistics Notes For Bcom 2nd Year and Bestseller Lists
5. Accessing Business Mathematics Statistics Notes For Bcom 2nd Year Free and Paid eBooks
 - Business Mathematics Statistics Notes For Bcom 2nd Year Public Domain eBooks
 - Business Mathematics Statistics Notes For Bcom 2nd Year eBook Subscription Services
 - Business Mathematics Statistics Notes For Bcom 2nd Year Budget-Friendly Options

6. Navigating Business Mathematics Statistics Notes For Bcom 2nd Year eBook Formats
 - ePub, PDF, MOBI, and More
 - Business Mathematics Statistics Notes For Bcom 2nd Year Compatibility with Devices
 - Business Mathematics Statistics Notes For Bcom 2nd Year Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Business Mathematics Statistics Notes For Bcom 2nd Year
 - Highlighting and Note-Taking Business Mathematics Statistics Notes For Bcom 2nd Year
 - Interactive Elements Business Mathematics Statistics Notes For Bcom 2nd Year
8. Staying Engaged with Business Mathematics Statistics Notes For Bcom 2nd Year
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Business Mathematics Statistics Notes For Bcom 2nd Year
9. Balancing eBooks and Physical Books Business Mathematics Statistics Notes For Bcom 2nd Year
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Business Mathematics Statistics Notes For Bcom 2nd Year
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Business Mathematics Statistics Notes For Bcom 2nd Year
 - Setting Reading Goals Business Mathematics Statistics Notes For Bcom 2nd Year
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Business Mathematics Statistics Notes For Bcom 2nd Year
 - Fact-Checking eBook Content of Business Mathematics Statistics Notes For Bcom 2nd Year
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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