

BUSINESS STATISTICS
COURSE NO: 342

1. Definition

Application in Business and Commerce

Classification and Tabulation

Statistical enquiries

Diagrams and Graphs

Measures of Central Values

Measures of Dispersion

Skewness, Simple correlation and Regression,

Lines of Regression

Method of best square and curve fitting with application to business.

Index numbers: kinds of Index numbers with special emphasis to consumer price Index numbers.

Probability: set theory, Definition, Law of probability conditional probability, Independent and dependent events, Application in business.

Random variables: Introduction, Discrete and continuous random variables. Probability function. Expected values of Random variables.

Types of significance: Introduction, Tests for means and proportions for single and two populations.

BOOKS RECOMMENDED:

1. Syed Hassan Mirza Business Mathematic for Management and Finance
2. L.W. Stafford. Business Mathematics
3. Richard Lacava. Business Statistics When & Way Irvan & Publication, Illinois.
4. Lavin Business Statistics. Prentice Hall Inc.
5. Nasir Ali Syed Statistics & Business Mathematics Fair Publication, Lahore
& G.H. Gill
6. Z.A. Bohra Business Statistics and Mathematics.
7. Frank. S. Budnick Applied Mathematics for Business, Economics, and the Social
Sciences, Mc-Graw Hill Inc. New York, International Ed. 1994.
8. Frank. S. Budnick Applied Mathematics for Business, Economics, and the Social
Science, Mc-Graw Hill Inc. New York, Fourth Edition.

REFERENCE BOOKS:

1. Moog.R.W.Taniss F.A(1989)
Probability & Statistical Inference Von Nostrand Reinold Co. N.Y.
2. Attiqullah M. (1988)
Basic Statistics and Computer Role, Kifayat Academy, Karachi.
3. Prof. Shere Muhammad
Introduction to Statistical Theory, Choudhary I & II, Ilmi Kitab Khana, Lahore.
4. Hamid A. Hakim
Business Mathematics, Mayari Matbooaat, Karachi.
5. Hamid A. Hakim
Introductory Statistics for Economics & Management, Mayari Matbooaat, Karachi.
6. S. Khursheed Alam
 - i) Statistics Concepts and Methods, Rehbar Publishers, Karachi 1999.
 - ii) Business Mathematics Rehbar. Publishers, Karachi.1999.