

Course No.: 303

BUSINESS STATISTICS(BUST XI)
(For B.Com General and Six Speciality Programmes)

Marks: 80

Hours: 40

Objective: To acquaint the students with reasonable working knowledge on statistics.

Course Contents:

Unit-I: Introduction: Statistics as a subject, Descriptive statistics compared to Inferential Statistics; types of data, methods of data analysis of Univariate data; Concept of central tendency and dispersion and their measures.

20:10 hrs

Unit-II: Analysis of Bivariate Data: Linear regression and correlation.

20:10 hrs

Unit-III: Index Number: Meaning, types and uses; methods of constructing price and quantity indices (simple and aggregate); tests of adequacy; chain base index numbers; base shifting splicing and deflating, problems in constructing index numbers, consumer price index.

20:10 hrs

Unit-IV: Analysis of time series: Causes of variations in time series data, components of a time series, decomposition-additive and multiplicative models, determination of trend-moving average method and method of least squares (only linear trend).

20: 10 hrs

Text and Reference Books:

1. Gupta S.P.: Statistical Methods; Sultan Chand & Sons; New Delhi.
2. Sancheti & Kapoor: Business Statistics, Sultan Chand & Sons; New Delhi
3. Hooda, R.P.: Statistics for Business and Economics; Macmillan, New Delhi.
4. Bajpai: Business Statistics, Pearson; New Delhi.
5. Ghosh and Saha: Business Mathematics and Statistics, New Central Book Agency, Hyderabad.