

BUSINESS STATISTICS - II
B.COM II YEAR (GENERAL/COMPUTERS) – SEMESTER IV
QUESTION BANK (THEORY QUESTIONS)

UNIT I - SKEWNESS

Short Questions

1. Meaning and Definition of Skewness
2. Explain the Tests of Skewness
3. Difference between Dispersion and Skewness
4. Write short note on Karl Pearsons and Bowleys Coefficient of Skewness

UNIT II - CORRELATION

Short Questions

1. Meaning and Definition of Correlation
2. Utility or Importance of Probable Error
3. What is Scatter Diagram Method? State its Merits and Demerits
4. Merits and Demerits of Rank Correlation
5. Merits and Demerits of Karl pearsons Coefficient of Correlation
6. Properties of Karl pearsons Coefficient of Correlation

Essay Questions

1. Explain the Uses/Utility/Significance/Importance of Correlation
2. Explain the different Types/Kinds/Classification of Correlation
3. Explain briefly various methods of studying Correlation

UNIT III - REGRESSION ANALYSIS

Short Questions

1. Meaning and Definition of Regression Analysis
2. Objectives of Regression Analysis
3. Differences between Correlation and Regression
4. Limitations/Demerits/Disadvantages of Regression Analysis
5. Meaning Regression Lines and methods of drawing Regression Lines
6. Meaning of Regression Equations
7. Meaning and Properties of Regression Coefficients

Essay Questions

1. Explain the Uses/Utility/Importance of Regression Analysis
2. Explain the different Types/Kinds/Classification of Regression Analysis

UNIT IV - INDEX NUMBERS

Short Questions

1. Meaning and Definition of Index Numbers
2. Features of Index Numbers
3. Limitations/Demerits/Disadvantages of Index Numbers
4. Meaning and Use/Importance of Cost of Living Index Number
5. Explain Time Reversal Test and Factor Reversal Test

Essay Questions

1. Explain the Uses/Importance/Advantages of Index Numbers
2. Explain the different Types /Kinds/Classification of Index Numbers
3. Explain the Directions /Steps/Problems in construction of Index numbers
4. Explain briefly various methods of constructing Index Numbers
6. Explain the tests of Consistency or Adequacy of Index numbers (Hint: Time Reversal Test and Factor Reversal Test)

UNIT V - TIME SERIES

Short Questions

1. Meaning and Uses of Time Series
2. Merits and Demerits of Semi Averages Method
3. Merits and Demerits of Moving Averages Method
4. Merits and Demerits of Method of Least Squares/Fitting a Straight Line Trend

Essay Questions

1. Explain the Objectives/ Uses/Importance or Advantages of Time Series
2. Explain the various Components of Time Series
3. Explain briefly the various methods of measurement of Trend
4. What are the steps involved in measuring Trend by the Method of Least Squares/Fitting a Straight Line Trend?