Contents

1. **Statistics (Introduction)**
   Introduction, Exercise
2. **Frequency Distribution**
   Illustrations, Exercise
3. **Presentation of Data**
   Illustration, Illustration, Exercise
4. **Collection of Data**
   Exercise
5. **Measures of Central Tendency**
   Illustrations, Illustrations, Illustrations, Exercise
6. **Measures of Dispersion, Skewness, Kurtosis and Moments**
   Illustrations, Skewness, Illustrations, Moments, Illustrations, Ginnis Mean Difference, Exercise, Dispersion and Skewness
7. **Index Number**
   Illustrations, Exercise, Index Number
8. **Analysis of Time Series**
   Illustrations, Exercise, Analysis of Time Series
9. **Interpolation and Extrapolation**
   Illustrations, Exercise, Interpolation and Extrapolation
10. **Association of Attributes**
    Illustrations, Exercise, Association of Attributes
11. **Correlation**
    Illustrations, Exercise, Formula – Remember.
12. **Regression**
    Exercise.
13. **Partial and Multiple Correlation**
    Illsustrations, Important Formulae.
14. **Probability**
    Illsustrations, Exercise, Important Formulae.

15. **Random Variable Expectations and Probability Function**
    Formulae, Illsustrations.
16. **Binomial, Poisson and Normal Distributions**
    Illustration on Poisson's Distribution, Exercise, Important Formulae, Illustrations, Important Formulae.
17. **Sampling and Sampling Distribution**

18. **Estimator and Estimation**

19. **Hypothesis Testing**
    Illustrations, Test of Significance for the Difference of Means, t-test (Small sample test), Exercise.
20. χ^2 **(Chi-square) Distribution**
    Illustrations, Exercise.
21. **Analysis of Variance (F Test)**
    Illustrations, Exercise.
22. **Statistical Decision Theory**
    Exercise.
23. **Forecasting**
    Types of Forecasts, Criteria of a Good Forecasting Method, Importance of Forecasting, Demand Forecasting, Opinion Polling Methods, End Use Method of Consumer's Survey, Complex Statistical Methods, Practical Problems or Demand or Sales Forecasting.
24. **Basic Issues in Statistics**

Tables