

CONTENTS

1. INTRODUCTION TO STATISTIC
2. FREQUENCY DISTRIBUTION
3. PRESENTATION OF DATA
4. COLLECTION OF DATA
5. MEASURES OF CENTRAL TENDENCY
6. MEASURES OF DISPERSION, SKEWNESS, KURTOSIS AND MOMENTS
7. INDEX NUMBER
8. ANALYSIS OF TIME SERIES
9. INTERPOLATION AND EXTRAPOLATION
10. ASSOCIATION OF ATTRIBUTES
11. STATISTICAL QUALITY CONTROL
12. CORRELATION
13. REGRESSION
14. PARTIAL AND MULTIPLE CORRELATION
15. PROBABILITY
16. RANDOM VARIABLE EXPECTATION
17. PROBABILITY DISTRIBUTIONS (DISCRETE–BINOMIAL AND POISSON)
18. CONTINUOUS PROBABILITY DISTRIBUTION
19. SAMPLING AND SAMPLING DISTRIBUTION
20. ESTIMATION
21. HYPOTHESIS TESTING
22. χ^2 (CHI-SQUARE) DISTRIBUTION
23. ANALYSIS OF VARIANCE (F TEST)
24. STATISTICAL DECISION THEORY
25. FORECASTING
26. BASIC ISSUES IN STATISTICS