STATISTICS FOR MANAGEMENT

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Short Description
 STATISTICS FOR MANAGEMENT

Description

STATISTICS FOR MANAGEMENT SOLVED PAPERS AND GUESS

Product Details: X Y Z ORGANIZATIONAL BEHAVIOUR

Format: BOOK

Pub. Date: NEW EDITION APPLICABLE FOR Current EXAM

Publisher: MEHTA SOLUTIONS

Edition Description: 2021-22

RATING OF BOOK: EXCELLENT

UNIT I INTRODUCTION 9
Basic definitions and rules for probability, conditional probability independence of events, Baye's

theorem, and random variables, Probability distributions: Binomial, Poisson, Uniform and Normal distributions.

UNIT II SAMPLING DISTRIBUTION AND ESTIMATION 9

Introduction to sampling distributions, sampling distribution of mean and proportion, application of central limit theorem, sampling techniques. Estimation: Point and Interval estimates for population parameters of large sample and small samples, determining the sample size.

UNIT III TESTING OF HYPOTHESIS - PARAMETIRC TESTS 9

Hypothesis testing: one sample and two sample tests for means and proportions of large samples (ztest), one sample and two sample tests for means of small samples (t-test), F-test for two sample standard deviations. ANOVA one and two way.

UNIT IV NON-PARAMETRIC TESTS 9

Chi-square test for single sample standard deviation. Chi-square tests for independence of attributes and goodness of fit. Sign test for paired data. Rank sum test. Kolmogorov-Smirnov – test for goodness of fit, comparing two populations. Mann – Whitney U test and Kruskal Wallis test. One sample run test.

UNIT V CORRELATION AND REGRESSION 9

Correlation – Coefficient of Determination – Rank Correlation – Regression – Estimation of Regression line – Method of Least Squares – Standard Error of

estimate.

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