SARDAR PATEL UNIVERSITY
Programme: BBA (GENERAL)
Semester: IV
Syllabus with Effect From: November/December-2012

Paper Code: UM04CBBA06	Total Credit:3
Title of Paper: Statistics for Management-II	

Unit	Description in detail	Weighting (%)
I	**Samling (Theory Only)** Terminology:Population,Sample,Parameter,Statistic Characteristics of ideal sample Population Survey V/s Sample Survey,Concept of Sampling erros Sampling Methods:Procedure,Merits,Demerits Simple Random Sampling Stratified random Sampling Systematic Sampling Cluster Sampling	**25 %**
II	**Test of Hypothesis-I** Introduclion and procedure of testing a hypothesis, Null & Alternate, Simple & Composite hypothesis, Standard Error, Level of Significance, One tail & Two tail Jests **Large sample tests (Z-Test)** Tests of significance of mean Test of significance of difference of two means Test of significance between two S.D.	**25%**
III	**Test Of Hypothesis-II** Difference between Large & Small Sample Tests, Concept Of Degress of freedam,Conditions for applying T-Test. **Application Of T-Test** Tests of Significance of mean Test of Significance of difference of twoMeans Paired T-Test	**25%**
IV	**Analysis of Variance (ANOVA)** F Test Introduction,Definition Variance RatioTest (F Test) One Way ANOVA Two Way ANOVA Chi-Square Test: Introduction,Definition,Properties Uses of X2Test:Test Of Independenceod of twoAttribute	**25%**

Basic Text & Reference Books:-

➢ D.C Sancheti & V K Kapoor:Statistics (Theory, Methods & Applications) Sultan Chand Sous,New Delhi
➢ S C Guptam:Fundamental of Statistics, Himalaya Publishing House
➢ R P Hooda:Statistics for Business and Economics,Macmillan,New Delhi