SARDAR PATEL UNIVERSITY
Programme: BBA(General)
Semester: III
Syllabus with effect from : JUNE 2012

Paper Code: UM03CBBA06	Total Credit: 3
Title Of Paper: Statistics for Management-I	

Unit	Description in detail	Weighting (%)
1	**Introduction for Statistics** Data Collections Element of Data : Variable , Constants , Attribute Types of Data :Primary and Secondary data & their sources Importance of Data Data Presentation Simple Series Frequency Distribution Measure of Central Tendency Introduction , Definition and Calculation of Mean , Median , Mode , Quartiles ,Deciles and Percentiles Combined Mean Measures of Dispersion Introduction , Definition and Calculation of Range , Quartile Deviation , Mean Deviation , Variance and Standard Deviation Coefficient of Variation (C.V.) Combined S.D	25 %
2	**Probabiltiy** Terminology : Random Experiment , Sample Space , Events , Types of Events Definition : Classical & Axiomatic Approach Additional & Multiplication theorems of Probablity Concept of Random Variable , Mathematical Expectations (Properties without Proof)	25 %
3	**Probablity Distribution** : Meaning , Condition , P.d.f. properties and uses of following probablity distribution Binomial Poisson Normal	25 %
4	**Statistical Quality Control (SQC)** Meaning , uses and Principles of SQC Charts for variables (X & R Charts) Charts for attribute (p , np & C Charts)	25 %

Basic Text & Reference Books

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