Name of the Teacher: **Nancy Chopra** Class: **B Com II(SF)**

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Basic concepts of statistics: Meaning, types of statistical data, collection of data; Measures of Central Tendency** |  |
|  | **01-31 Aug 2017** | **Dispersion.SimpleCorrelation and Regression Analysis: Meaning of Correlation simple, multiple and partial; linear and non-linear, Scatter diagram, Pearson’s co-efficient of correlation, Probable and standard errors, Rank Correlation; Regression Analysis.** | **Oral presentations regarding theory topics** |
|  | **01-30 Sept 2017** | **Regression analysis Index Numbers: meaning and uses of index numbers, construction of index numbers: fixed and chain base: univariate and composite, Aggregative and average of relatives –simple and weighted, Tests of adequacy of index numbers, Base shifting, splicing and deflating. Problems in the construction of index numbers, construction of consumer price indices.** | **oral presentations regarding theory topics** |
|  | **01-31 Oct 2017** | **Probability & Probability Distributions: theory of probability. Approaches to the calculation of probability, calculation of event probabilities, addition and multiplication laws of probability, conditional probability and Baye’s Theorem; Probability distributions: Binomial, Poisson and Normal** | **Practical problem solutions** |
|  | **01-13 Nov 2017** | **Practical problems of students and revision test.** |  |

**Topics of Assignments/ Class Tests to be given to the Students:**

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| **Assignment 1** | **Theoretical portion of central tendency and dispersion** |
| **Assignment 2** | **Theoretical portion of probability** |
| **Class Test** | **Correlation, Regression and Probability** |