Name of the Teacher:\_**HEENA\_**  Class: BCOM II (A)

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | Simple Correlation: Meaning of Correlation simple, multiple and partial; linear and non-linear, Scatter diagram, Pearson’s co-efficient of correlation. | **Games** |
|  | **01-31 Aug 2017** | Probable and standard errors, Rank Correlation; Regression Analysis – an overview, 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. | **Power Point Presentations** |
|  | **01-30 Sept 2017** | Tests of adequacy of index numbers, Base shifting, splicing and deflating. Problems in the construction of index numbers, construction of consumer price indices; 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. | **Role Playing**  **CASE STUDY** |
|  | **01-31 Oct 2017** | Probability distributions: Binomial, Poisson and Normal, Basic concepts of statistics: Meaning, types of statistical data, collection of data; Measures of Central Tendency and Dispersion. | **QUIZ** |
|  | **01-13 Nov 2017** | Revision and Test |  |

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

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| **Assignment 1** | 1. Meaning and Degrees of Correlation  2. Meaning of Regression and Regression line  3. Difference between correlation and Regression  4. All Formulas of Correlation  5. All Formulas of Regression |
| **Assignment 2** | 1. Meaning of Index Numbers and how to construct it?  2. Cost of living index numbers or consumer price index.  3. Difference between Dependent and Independent variable (With 2 examples)  4. Explain TRT, FRT, Circular test.  5. All Formulas of quantity index numbers (weighted and Unweighted) |
| **Class Test** | **4 Chapters** |