

SARASWATI MAHILA MAHAVIDYALAYA, PALWAL

LESSON PLAN

Class : B.com IInd Year

Semester : IIIrd

Paper : Business Statistics

Session : 2020-21

Lectures	Topic
	<u>Unit-I</u>
le-1-4	Introduction of Statistics: Origin, Development, Definition, Scope, Uses and Limitations.
le-5-6	Statistical Data: Types of Measurement Scales - Nominal, Ordinal, Interval and Ratio level measurement.
le-7-10	Collection, Classification, Tabulation of Primary and Secondary Data
le-11-25	Presentation of Data: Diagrammatic and Graphical Presentation of Data - Bar, Squares, Rectangular and Circular Diagrams; Histogram, Frequency Polygon, Ogives, Stem and leaf displays box plot
le-27-30	Revision & Assignment.
	<u>Unit-II</u>
le-31-35	Central Tendency and Partition Values: Concept and measures of Central Tendency, Quartiles, Deciles, Percentiles.

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Lectures	Topic
le 36-40	Concept of Dispersion: Its absolute as well as Relative Measures. Revision & Assignment <u>Unit III!</u>
le 41-45	Moments, Skewness and Kurtosis: Moments about any point and about mean and the relationship between them.
le-46-50	Sheppard's Corrections for Moments. Concept of Symmetrical Distribution and Skewness, Measures and Co-efficient of Skewness, Concept of Kurtosis and its measures. Revision & Assignment <u>Unit IV!</u>
le-51-60	Analysis of Bivariate Data: Correlation: Concept, Scatter Diagram Karl Pearson's Co-efficient of Correlation and its Properties, Spearman's Rank Correlation, Concurrent Deviation Method
le-61-70	Regression: meaning, Difference b/w Correlation and Regression, Principle of Least Square and Fitting of a Line of Best fit, Regression Lines, Properties, Coefficient and Regression Lines, Std Error, Determination

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Lectures	Topic
	of Coefficient.
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le 71- 80	Revision of unit - I, <u>II</u> , <u>III</u> , <u>IV</u>

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