SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: BBA 1st Year   **Semester: 2nd**
Subject: BUSINESS STATISTICS   **Session: 2021-22**

Lecture Number	Topic
1-20	**UNIT-1**
	Statistics: Meaning, evolution, scope, limitations and applications.
	Data classification; tabulation and presentation
	Objectives and types of classification, formation of frequency distribution.
	Role of tabulation, parts, types and construction of tables.
	Significance, types and construction of diagrams and graphs.
1-20	**UNIT-2**
	Measures of Central Tendency and Dispersion: Meaning and objectives.
	Different measure viz. arithmetic mean, median, mode.
	Geometric mean and harmonic mean.
	Characteristics, applications and limitations of these measures.
	Measure of variation viz. range, quartile deviation.
	Mean deviation and standard deviation.
	Co-efficient of variation and skewness.
1-18	**UNIT-3**
	Correlation and Regression: Meaning of correlation, types of correlation.

	Positive and negative correlation, simple, partial and multiple correlation.
	Methods of studying correlation; scatter diagram, graphic and direct method.
	Properties of correlation co-efficient, rank correlation.
	Coefficient of determination, lines of regression, co-efficient of regression.
	Standard error of estimate.
1-18	**UNIT-4**
	Index number and their uses in business.
	Construction of simple and weighed price, quantity and value
	Index numbers; test for an ideal index number.
	Components of time series viz. secular trend.
	Cyclical seasonal and irregular variations, methods of estimating secular trend

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