

Lesson Plan for Statistics Minor Semester : I

Paper : Descriptive Statistics I & Probability I (Theory)

Topic : Introduction to Statistics	Allotted Time (In Hours)	Number of Classes	Teacher's Name
Statistic 1. Definition and Scope 2. Concepts of Statistical Population and Sample	10	1	Anamitra Mandal & Debamalya Kar
Data 1. Quantitative and Qualitative 2. Cross-Sectional and Time-Series 3. Discrete and Continuous		2	Anamitra Mandal & Debamalya Kar
Scales of Measurement 1. Nominal and Ordinal 2. Interval and Ratio		2	Anamitra Mandal & Debamalya Kar
Presentation of Data 1. Tabular and Graphical 2. Frequency Distributions 3. Cumulative Frequency Distributions 4. Graphical Representations of Distributions 5. Stem and Leaf Displays		5	Anamitra Mandal & Debamalya Kar

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Paper : Descriptive Statistics I & Probability I (Theory)

Topic : Descriptive Measures	Allotted Time (In Hours)	Number of Classes	Teacher's Name
Measures of Central Tendency 1. Mean 2. Median 3. Mode	15	5	Anamitra Mandal & Debamalya Kar
Measures of Dispersion 1. Range 2. Mean Deviation 3. Standard Deviation 4. Coefficient of Variation 5. Gini's Coefficient 6. Lorenz Curve 7. Quantiles and Measures 8. Box Plot and Outliers		5	Anamitra Mandal & Debamalya Kar
Measures of Moments 1. Moments 2. Skewness 3. Kurtosis		5	Anamitra Mandal & Debamalya Kar

Lesson Plan for Statistics Minor Semester : I

Lesson Plan for Theory			
Topic : Probability	Allotted Time (In Hours)	Number of Classes	Teacher's Name
Probability <ol style="list-style-type: none">1. Introduction2. Random Experiments3. Sample Space4. Events and Algebra of events5. Definitions of Probability6. Classical probability7. Statistical probability8. Axiomatic9. Conditional Probability10. Laws of Addition and multiplication11. Independent events12. Theorem of total probability13. Bayes' theorem and its applications	20	20	Anamitra Mandal