

SYLLABUS 2021-2022

STANDARD: 12

SUBJECT: STATISTICS

MONTH	Total No. Of Unit	UNIT	CONTENT
January	2	4. Correlation Analysis	Introduction 4.1 Definition of Correlation 4.2 Types of Correlation 4.4 Karl Pearson's Correlation Coefficient 4.4.1 Karl Pearson's Correlation Coefficient 4.4.2 Properties 4.5 Spearman's Rank Correlation Coefficient 4.5.1 Repeated Ranks 4.6 Yules coefficient
		Practical	Lesson - 4 4.4.1, 4.5
		5. Regression Analysis	Introduction 5.1 Definition & types of regression 5.1.1 Simple linear regression 5.1.2 Multiple linear regression 5.1.3 Non- linear regression 5.5. Properties of regression coefficient 5.6 Difference between correlation & regression
		Practical	Lesson - 5 5.5



February	1	6. Index Number	Introduction 6.1 Definition & Uses of Index Numbers 6.2 Types of Index Numbers 6.3 Methods of Constructing Index numbers 6.3.1 Unweighted Index Numbers 6.4 Weighted Index Numbers. 6.4.1 Weighted aggregate index numbers 6.4.2 Weighted average of price relatives 6.4.3 Quantity Index Numbers 6.4.4 Tests for Index Numbers 6.5 Consumer Price Index
		Practical	Lesson - 6 6.4.2, 6.4.4, 6.5