

Lesson Plan

Name of the Assistant/ Associate Professor..... Sarita Kumari

Class and Section:..... B.Com. Ind year 4th Semester

Subject:..... S. Business - Statistics

Week	Date	Topics
1	1-Jan-18	<div style="border: 1px solid black; padding: 10px; transform: rotate(-45deg); display: inline-block;"> Winter Vacation 2018 </div>
	2-Jan-18	
	3-Jan-18	
	4-Jan-18	
	5-Jan-18	
	6-Jan-18	
	7-Jan-18	
2	8-Jan-18	Meaning of Index number, Definition, uses, limitations.
	9-Jan-18	Types of Index number, Problem, Method, Formula.
	10-Jan-18	Weighted Index number - Laspeyres, Paasche, Fisher, Doubrish
	11-Jan-18	Marshall-Edgeworth's, Kelly's method.
	12-Jan-18	Weighted Average of price relative method, Quantitative Index, Value Index Number.
	13-Jan-18	Test of Adequacy of Index number.
	14-Jan-18	Sunday
3	15-Jan-18	Numerical Problems.
	16-Jan-18	Specific problems regarding construction of Index number
	17-Jan-18	(i) chain index, merits, demerits of chain base index, Base Conversion, Base-shifting, splicing, Deflating of Index number, Purchasing power of Money.
	18-Jan-18	Consumer price index & uses
	18-Jan-18	Construction of Consumer price index.
	19-Jan-18	Numerical problems.
	20-Jan-18	Introduction, meaning, Definition - Utility of time-series.
21-Jan-18	Sunday	
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Components of time-series, Advantage of time-series.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Method of measuring Trends - (i) Free hand Curve (ii) Semi-Average method.
	26-Jan-18	Republic Day
	27-Jan-18	Moving Average method - (i) odd period Moving Average (ii) Even period Moving Average.
	28-Jan-18	Sunday
5	29-Jan-18	measuring short-term fluctuations, merits and demerits Least square method.
	30-Jan-18	Short-cut method (i) - when no. of year is odd (ii) when No. of year even.
	31-Jan-18	Shifting the trend origin, Quadratic Trend.

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Name of the Assistant/ Associate Professor.....SARITA KUMAR

Class and Section:.....B Com - 4th Sem, 2018

Subject:.....Co Business Stat

Week	Date	Topics
	1-Feb-18	Fitting of exponential, merits, demerits of least square method.
	2-Feb-18	Numerical problems.
	3-Feb-18	Introduction, measurement of seasonal variation (i) Simple Average, moving Average.
	4-Feb-18	Sunday
6	5-Feb-18	Ratio to moving Average Method, Ratio to trend method, Link Relative method.
	6-Feb-18	Numerical problem.
	7-Feb-18	Probability - meaning, some basic concepts, definition (i) Classical (ii) Statistical Frequency Definition, limitation. Relative Frequency Definition, subjective approach.
	8-Feb-18	Importance of probability, probability scale, Calculation Event- Uses of Combination in theory of probability, Theorems:
	9-Feb-18	(i) Addition theorem - For mutually exclusive event.
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
7	12-Feb-18	Addition theorem for not mutually exclusive event multiplication theorem for independent event.
	13-Feb-18	Maha Shivratri
	14-Feb-18	Probability of happening at least one event in case of n independent events, Conditional probability - Definition multiplication theorem for dependent event
	15-Feb-18	Combined use of Addition and multiplication theorem. Use of Bernoulli's theorem in theory of probability
	16-Feb-18	Mathematical Expectation.
	17-Feb-18	Bayes' theorem
	18-Feb-18	Sunday
	8	19-Feb-18
20-Feb-18		Observed Frequency distribution, theoretical Distribution. Uses of theoretical Frequency distribution.
21-Feb-18		Types of probability distribution (i) Discrete probability Distribution (ii) Binomial distribution, Poisson distribution.
22-Feb-18		Assumption of Binomial distribution, properties
23-Feb-18		Application of Binomial distribution
24-Feb-18		(i) Distribution Formula (ii) To find \bar{x} , σ or n or p Sunday
25-Feb-18		Sunday
9		26-Feb-18
	27-Feb-18	Poisson distribution - when $n \rightarrow \infty$, definition, properties.
	28-Feb-18	uses of Poisson distribution

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Name of the Assistant/ Associate Professor..... SAPITA KUMAR

Class and Section:..... BCW - 4th Sem 2018

Subject:..... Business Stat

Week	Date	Topics
	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	When the value of p is given, when value of n is given.
	4-Mar-18	Sunday
10	5-Mar-18	Fitting of poisson distribution
	6-Mar-18	Numerical problems.
	7-Mar-18	Definition of Normal distribution, Graph
	8-Mar-18	Assumption, properties of Normal distribution
	9-Mar-18	Importance of Normal distribution
	10-Mar-18	Relation Among Binomial, poisson, Normal distribution
	11-Mar-18	Sunday
11	12-Mar-18	Difference between normal and binomial distribution.
	13-Mar-18	Difference between normal and poisson distribution.
	14-Mar-18	How to measure area under normal curve.
	15-Mar-18	Application of Normal distribution
	16-Mar-18	Finding area when \bar{x} , σ of Normal variate given.
	17-Mar-18	Finding mean and σ when the area is given
	18-Mar-18	Sunday
12	19-Mar-18	Finding minimum and maximum score amongst highest and lowest group.
	20-Mar-18	Fitting the normal curve - Ordinate method.
	21-Mar-18	(ii) Area Method.
	22-Mar-18	Normal distribution as an approximation to binomial distribution.
	23-Mar-18	Miscellaneous Examples.
	24-Mar-18	Numerical Problems.
	25-Mar-18	Sunday/ Ram Navami
13	26-Mar-18	Discussion and test of Ist chapters.
	27-Mar-18	Test of Index number theoretical portion.
	28-Mar-18	Test of Index number numerical portion
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Test of Index number - II - Theory portion
	31-Mar-18	Test of Index number - II - Numerical portion

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Name of the Assistant/ Associate Professor... SARITA KUMAR,

Class and Section:..... B.Com - 4th Sem 2018

Subject:..... Business Stat

Week	Date	Topics
14		Sunday
	1-Apr-18	
	2-Apr-18	Test of time-series - I - theoretical portion.
	3-Apr-18	Test of time-series - I numerical portion.
	4-Apr-18	Test of time-series - II theoretical portion
	5-Apr-18	Test of time-series - II theoretical part.
	6-Apr-18	Test of time series - II - Numerical section.
	7-Apr-18	Test of Probability - theoretical part.
15	8-Apr-18	Sunday
	9-Apr-18	Test of probability - Numerical Half part.
	10-Apr-18	Test of Probability - Numerical remaining part.
	11-Apr-18	Test of Binomial portion - theory.
	12-Apr-18	Test of Binomial portion numerical.
	13-Apr-18	Test of portion - Theory.
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
16	16-Apr-18	Test of portion - Numerical part
	17-Apr-18	Test of Normal distribution - theoretical
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Test of Normal distribution - Practical Half-part.
	20-Apr-18	Test of Normal distribution - Practical complete
	21-Apr-18	Discussing about important part of the subject
	22-Apr-18	Sunday
	17	23-Apr-18
24-Apr-18		
25-Apr-18		
26-Apr-18		
27-Apr-18		
28-Apr-18		