Saraswati Mahila Mahavidyalaya, Palwal

Lesson Plan :

Name of the Assistant/Associate Professor: MS Ankita Dehra

Class and Section: B.Com. II Sec (C)

Name of subject: Business Statistics

Subject Lesson Plan : 18 weeks(from January 2018 to April 2018)

(Note: Prepare as per list of holidays declared by Haryana govt.)

WEEK 1
ASSIGNMENT:
WEEK 1,DAY1 ,DATE :01/01/2018(MONDAY)
Chapter-1. Index No. I Index Number- Meaning, defination, Uses, limitations. Types and Problems in the Construction of Index No.
WEEK 1 ,DAY 2 ,DATE :02/01/2018(TUESDAY)
Methods of Constructing Index Number.— Unweighted Index Number
WEEK 1,DAY 3 ,DATE :03/01/2018(WEDNESDAY)
Weighted Index Number — weighted Aggregated Method
WEEK 1 ,DAY 4 ,DATE :04/01/2018(THURSDAY)
Weighted Average of Price Relatives Method
WEEK 1,DAY 5 ,DATE :05/01/2018(FRIDAY)
Holiday on account of Guru Govind Singh's Birthday
WEEK 1 ,DAY 6 ,DATE :06/01/2018(SATURDAY)
Formula's Board Test

WEEK 2
ASSIGNMENT:
WEEK 2,DAY1 ,DATE :08/01/2018(MONDAY)
Quantity Index Number, Value Index Number
WEEK 2 ,DAY 2 ,DATE :09/01/2018(TUESDAY)
Tests of Adequacy – Time Reversal, Factor Reversal and Circular Test
WEEK 2,DAY 3 ,DATE :10/01/2018(WEDNESDAY)
Important and Miscellaneous Examples
WEEK 2 ,DAY 4 ,DATE :11/01/2018(THURSDAY)
Continue the examples and Problems of Students (Discussion)
WEEK 2,DAY 5 ,DATE :12/01/2018(FRIDAY)
Test of chapter-1
WEEK 2 ,DAY 6 ,DATE :13/01/2018(SATURDAY)
Return of Test
WEEK 3
ASSIGNMENT:
WEEK 3,DAY1 ,DATE :15/01/2018(MONDAY)

Chapter - 2. Index Numbers - II Problems Regarding Construction of Index Number - chain Base Index, fixed base Index - Merits and demerits
WEEK 3 ,DAY 2 ,DATE :16/01/2018(TUESDAY)
Base Conversion, Base Shifting, Splicing, Deflating of Index Numbers
WEEK 3,DAY 3 ,DATE :17/01/2018(WEDNESDAY)
Purchasing Power of Money Consumer Price Index - Meaning, uses and Construction.
WEEK 3 ,DAY 4 ,DATE :18/01/2018(THURSDAY)
Continue the Consumer Price Index
WEEK 3,DAY 5 ,DATE :19/01/2018(FRIDAY)
Miscellaneous Examples
WEEK 3 ,DAY 6 ,DATE :20/01/2018(SATURDAY)
Problem Discussion.
WEEK 4
ASSIGNMENT: Assigment of Index No. formula's
WEEK 4,DAY1 ,DATE :22/01/2018(MONDAY)
Holiday on account of Basant Panchmi.
WEEK 4 ,DAY 2 ,DATE :23/01/2018(TUESDAY)
Board Test of Chapter-2

WEEK 4,DAY 3 ,DATE :24/01/2018(WEDNESDAY)

Holiday on account of Sir Chotu Ram Jayanti.

WEEK 4 ,DAY 4 ,DATE :25/01/2018(THURSDAY)

Chapter - 3. Time Series Analysis - I
Time Series - Meaning, defination, Utility, Components
Analysis or Decompoition of time series

WEEK 4,DAY 5 ,DATE :26/01/2018(FRIDAY)

Holiday on account of Republic Day.

WEEK 4 ,DAY 6 ,DATE :27/01/2018(SATURDAY)

Methods of measuring trends - Freehand curve method,
Semi - Average method

WEEK 5

ASSIGNMENT:

WEEK 5,DAY1 ,DATE :29/01/2018(MONDAY)

Moving Average Method, Measurement of Short - term
Fluctuations

WEEK 5 ,DAY 2 ,DATE :30/01/2018(TUESDAY)

least Square Method

WEEK 5,DAY 3 ,DATE :31/01/2018(WEDNESDAY)

Holiday on account of Guru Ravi Dass Jayanti

WEEK 5 ,DAY 4 ,DATE :01/02/2018(THURSDAY)

Continue least Square method and fitting of
Second degree Parabolic trend

WEEK 5,DAY 5 ,DATE :02/02/2018(FRIDAY)

fitting of logarithmic straight line trend.

WEEK 5 ,DAY 6 ,DATE :03/02/2018(SATURDAY)
Miscellaneous Examples Discussion
WEEK 6
ASSIGNMENT:
WEEK 6,DAY1 ,DATE :05/02/2018(MONDAY)
Discussion of Student's Problem
WEEK 6 ,DAY 2 ,DATE :06/02/2018(TUESDAY)
Chapter:-4. Time Series Analysis- II Measurement of Seasonal Variation
WEEK 6,DAY 3 ,DATE :07/02/2018(WEDNESDAY)
Continue the measurement of Seasonal Variation
WEEK 6 ,DAY 4 ,DATE :08/02/2018(THURSDAY)
Deseasonalisation of Data and Uses of Seasonal Indices
WEEK 6,DAY 5 ,DATE :09/02/2018(FRIDAY)
Chapter-5. Probability Probability - Basic Concepts Defination of Probability - classical Defination, Limitation
WEEK 6 ,DAY 6 ,DATE :10/02/2018(SATURDAY)
Holiday on account of Maharshi Dayanand Saraswati Jayanti.
WEEK 7
ASSIGNMENT: Unit - 2

WEEK 7,DAY1 ,DATE :12/02/2018(MONDAY)
Empirical or Relative frequency Definition, Subjective approach, importance. Probability Scale. Calculation of Probability of an Event
WEEK 7 ,DAY 2 ,DATE :13/02/2018(TUESDAY)
Holiday on account of Maha Shivaratri.
WEEK 7,DAY 3 ,DATE :14/02/2018(WEDNESDAY)
Oral Test of Probability Use of Combinations in Theory of Probability Theorem's of Probability - Addition Theorem
WEEK 7 ,DAY 4 ,DATE :15/02/2018(THURSDAY)
Continue the addition Theorem
WEEK 7,DAY 5 ,DATE :16/02/2018(FRIDAY)
Multiplication Theorem
WEEK 7 ,DAY 6 ,DATE :17/01/2018(SATURDAY)
Problem Discussion
WEEK 8
ASSIGNMENT:
WEEK 8,DAY1 ,DATE :19/02/2018(MONDAY)
Conditional Probability

WEEK 8 ,DAY 2 ,DATE :20/02/2018(TUESDAY)
Combined Use of Addition & Multiplication Theorem
WEEK 8,DAY 3 ,DATE :21/02/2018(WEDNESDAY)
Continue the previous lecture and Use of Bernaulli's Theorem
WEEK 8 ,DAY 4 ,DATE :22/02/2018(THURSDAY)
Mathematical Expectation
WEEK 8,DAY 5 ,DATE :23/02/2018(FRIDAY)
Bayes' Theorem
WEEK 8 ,DAY 6 ,DATE :24/02/2018(SATURDAY)
Mixed Examples of Probability
WEEK 9
ASSIGNMENT:
WEEK 9,DAY1 ,DATE :26/02/2018(MONDAY)
Test of chapter-5
WEEK 9 ,DAY 2 ,DATE :27/02/2018(TUESDAY)
Discussion of Test in class

WEEK 9,DAY 3 ,DATE :28/02/2018(WEDNESDAY)
VACATION -II
WEEK 9 ,DAY 4 ,DATE :01/03/2018(THURSDAY)
VACATION -II
WEEK 9,DAY 5 ,DATE :02/03/2018(FRIDAY)
VACATION -II
WEEK 9 ,DAY 6 ,DATE :03/03/2018(SATURDAY)
VACATION -II
WEEK 10
ASSIGNMENT: Unit -3
WEEK 10,DAY1 ,DATE :05/03/2018(MONDAY)
Problem discussion of Unit 1 and Unit 2
WEEK 10,DAY 2 ,DATE :06/03/2018(TUESDAY)
class test of unit 1 and unit 2
WEEK 10,DAY 3 ,DATE :07/03/2018(WEDNESDAY)
Chapter - 6 Probability Distribution - Binomial & Poisson Probability distribution - observed frequency distribution Theoritical distribution - use and types
WEEK 10,DAY 4 ,DATE :08/03/2018(THURSDAY)
Binomial distribution - Meaning, defination, assumption and Properties

WEEK 10,DAY 5 ,DATE :09/03/2018(FRIDAY)
Application of Binomial distribution
WEEK 10 ,DAY 6 ,DATE :10/03/2018(SATURDAY)
continue the Binomial distribution
WEEK 11
ASSIGNMENT:
WEEK 11,DAY1 ,DATE :12/03/2018(MONDAY)
Board Test of Binomial Distribution
WEEK 11,DAY 2 ,DATE :13/03/2018(TUESDAY)
to find n, p and q from $\bar{x}$ and σ
WEEK 11,DAY 3 ,DATE :14/03/2018(WEDNESDAY)
fitting of Binomial distribution
WEEK 11,DAY 4 ,DATE :15/03/2018(THURSDAY)
Problem discussion of Binomial distribution
WEEK 11,DAY 5 ,DATE :16/03/2018(FRIDAY)
Test of Binomial distribution

WEEK 11 ,DAY 6 ,DATE :17/03/2018(SATURDAY)
Introduction of Poission Distribution
WEEK 12
ASSIGNMENT:
WEEK 12,DAY1 ,DATE :19/03/2018(MONDAY)
Application of Poission Distribution
WEEK 12,DAY 2 ,DATE :20/03/2018(TUESDAY)
Continue the Poission Distribution
WEEK 12,DAY 3 ,DATE :21/03/2018(WEDNESDAY)
fitting of Poission Distribution
WEEK 12,DAY 4 ,DATE :22/03/2018(THURSDAY)
Discussion of important Examples
WEEK 12,DAY 5 ,DATE :23/03/2018(FRIDAY)
Holiday on account of Shahidi diwas.
WEEK 12 ,DAY 6 ,DATE :24/03/2018(SATURDAY)
Board Test of Poission Distribution

WEEK 13
ASSIGNMENT:
WEEK 13,DAY1 ,DATE :26/03/2018(MONDAY)
Test Distribution and Test Discussion
WEEK 13,DAY 2 ,DATE :27/03/2018(TUESDAY)
Chapter-7. Probability Distribution - Normal Normal Distribution - Meaning, defination, Graph, assumption and properties
WEEK 13,DAY 3 ,DATE :28/03/2018(WEDNESDAY)
Importance of Normal Distribution Relationship b/w Binomial, Poission and Normal Distribution
WEEK 13,DAY 4 ,DATE :29/03/2018(THURSDAY)
Holiday on account of Mahavir jayanti.
WEEK 13,DAY 5 ,DATE :30/03/2018(FRIDAY)
Test of Binomial and Poission Distribution
WEEK 13 ,DAY 6 ,DATE :31/03/2018(SATURDAY)
Comparative Study of Binomial, Poission and Normal Distribution
WEEK 14
ASSIGNMENT: Unit-3

WEEK 14,DAY1 ,DATE :02/04/2018(MONDAY)
Measure the area under Normal curve
WEEK 14,DAY 2 ,DATE :03/04/2018(TUESDAY)
Measure the area under Normal Curve- continue
WEEK 14,DAY 3 ,DATE :04/04/2018(WEDNESDAY)
Application of Normal distribution
WEEK 14,DAY 4 ,DATE :05/04/2018(THURSDAY)
Find the area when $\bar{x}$ and σ of Normal Curve is given.
WEEK 14,DAY 5 ,DATE :06/04/2018(FRIDAY)
Find the area when $\bar{x}$ and σ of Normal Variate is given – Continue
WEEK 14 ,DAY 6 ,DATE :07/04/2018(SATURDAY)
Finding $\bar{x}$ and σ when the area under Normal Curve is given
WEEK 15
ASSIGNMENT:

WEEK 15,DAY1 ,DATE :09/04/2018(MONDAY)
Find $\bar{X}$ and σ when the area under Normal Curve is given - Continue
WEEK 15,DAY 2 ,DATE :10/04/2018(TUESDAY)
Problem discussion related to Normal Curve
WEEK 15,DAY 3 ,DATE :11/04/2018(WEDNESDAY)
Test of Normal distribution
WEEK 15,DAY 4 ,DATE :12/04/2018(THURSDAY)
Discussion on Assignment
WEEK 15,DAY 5 ,DATE :13/04/2018(FRIDAY)
Finding minimum and maximum Score amongest the higher and lowest group.
WEEK 15 ,DAY 6 ,DATE :14/04/2018(SATURDAY)
Holiday on account of Vaisakhi & Dr B.R. Ambedkar's Jayanti.
WEEK 16
ASSIGNMENT:
WEEK 16,DAY1 ,DATE :16/04/2018(MONDAY)
Doubt class related to Normal Curve

WEEK 16,DAY 2 ,DATE :17/04/2018(TUESDAY)
Fitting of Normal Curve
WEEK 16,DAY 3 ,DATE :18/04/2018(WEDNESDAY)
Holiday on account of Maharshi Pasuram Jayanti
WEEK 16,DAY 4 ,DATE :19/04/2018(THURSDAY)
Normal distribution as an approximation to Binomial Distribution
WEEK 16,DAY 5 ,DATE :20/04/2018(FRIDAY)
Mixed Example discussion on Normal Curve
WEEK 16 ,DAY 6 ,DATE :21/04/2018(SATURDAY)
Class Test of Normal Curve
WEEK 17
ASSIGNMENT:
WEEK 17,DAY1 ,DATE :23/04/2018(MONDAY)
Revision of Unit :-1
WEEK 17,DAY 2 ,DATE :24/04/2018(TUESDAY)
Revision of Unit-1 (Continue)

WEEK 17,DAY 3 ,DATE :25/04/2018(WEDNESDAY)
Revision of Unit - 2
WEEK 17,DAY 4 ,DATE :26/04/2018(THURSDAY)
Revision of Unit - 2 (continue)
WEEK 17,DAY 5 ,DATE :27/04/2018(FRIDAY)
Revision of Unit - 3 and 4
WEEK 17 ,DAY 6 ,DATE :28/04/2018(SATURDAY)
Revision of unit - 3 and 4 (continue)
WEEK 18
ASSIGNMENT:
WEEK 18,DAY1 ,DATE :30/04/2018(MONDAY)
Revision of unit - 3 and 4 (continue)

Ankita