

Lesson Plan

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Name of the Assistant/ Associate Professor... Nidhi Garg  
 Class and Section: M. Com (Final) Semester - 3  
 Subject: Quantitative Techniques for Business Decisions

Week	Date	Topics
1	16-July-18	
	17-July-18	
	18-July-18	
	19-July-18	
	20-July-18	
	21-July-18	
	22-July-18	Sunday
	2	23-July-18
24-July-18		Introduction to quantitative techniques
25-July-18		Classification of Quantitative Techniques
26-July-18		Advantages and Disadvantages
27-July-18		Role of Q.T. in Business & Industry
28-July-18		Limitation of Q.T.
29-July-18		Sunday
3		30-July-18
	31-July-18	Holiday
	1-Aug-18	Scope of Quantitative Techniques
	2-Aug-18	Operational Research: Meaning
	3-Aug-18	Methodology of O.R.
	4-Aug-18	Applications of Quantitative Techniques
	5-Aug-18	Sunday
	4	6-Aug-18
7-Aug-18		Models and Modelling
8-Aug-18		Limitation of O.R.
9-Aug-18		Uses of Computer Software in OR problem
10-Aug-18		— Do —
11-Aug-18		— Do —
12-Aug-18		Sunday
5		13-Aug-18
	14-Aug-18	Problem Discussion (Operational Research)
	15-Aug-18	Holiday

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Name of the Assistant/ Associate Professor..... Nidhi Garg 28  
 Class and Section:..... M. Com (Final) Semester - 3  
 Subject:..... Quantitative Techniques for Business Decisions

Week	Date	Topics
1	16- Aug -18	Introduction and Assumption of ANOVA
	17- Aug -18	Importance and Significance in Research
	18- Aug -18	One Way Anova (Illustrations)
	19- Aug -18	Sunday
2	20- Aug -18	— Do —
	21- Aug -18	— Do —
	22- Aug -18	Holiday
	23- Aug -18	Two Way Anova (Illustrations)
	24- Aug -18	— Do —
	25- Aug -18	— Do —
	26- Aug -18	Sunday
	3	27- Aug -18
28- Aug -18		Introduction to Quality Control
29- Aug -18		Causes of Quality Control
30- Aug -18		Cause of Variation in Quality
31- Aug -18		Quality Control Charts
1-Sep-18		X Chart
2- Sep -18		Sunday
4	3- Sep -18	Holiday
	4- Sep -18	R Chart
	5- Sep -18	Upper and Lower Limits
	6- Sep -18	Process under Control
	7- Sep -18	Process out of Control
	8- Sep -18	Warning Limits
	9- Sep -18	Sunday
5	10- Sep -18	Control Chart for Attributes
	11- Sep -18	Problem Discussion
	12- Sep -18	— Do —

Lesson Plan

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Name of the Assistant/ Associate Professor..... Nidhi Garg  
 Class and Section:..... M. Com (Final) , Semester - 3  
 Subject:..... Quantitative Techniques for Business Decisions

Week	Date	Topics
1	13-Sep-18	Class Test (Quality Control)
	14-Sep-18	Non Parametric Test: Overview
	15-Sep-18	Meaning and Advantages
	16-Sep-18	Sunday
2	17-Sep-18	Disadvantages and Uses of Non Par. Test
	18-Sep-18	Types of Non Parametric Test
	19-Sep-18	Sign Test (One way, Paired)
	20-Sep-18	Wilcoxon Signed Rank Test
	21-Sep-18	Mann Whitney U-Test
	22-Sep-18	— Do —
	23-Sep-18	Sunday
3	24-Sep-18	Kruskal Wallis Test
	25-Sep-18	— Do —
	26-Sep-18	— Do —
	27-Sep-18	Mald Wolfowitz Test
	28-Sep-18	— Do —
	29-Sep-18	— Do —
	30-Sep-18	Sunday
4	1-Oct-18	Introduction to PERT and CPM
	2-Oct-18	Significance of PERT
	3-Oct-18	steps Involved in PERT
	4-Oct-18	Scope of PERT/CPM
	5-Oct-18	Limitation of PERT/CPM
	6-Oct-18	Construction of Network Diagram
	7-Oct-18	Sunday
5	8-Oct-18	— Do —
	9-Oct-18	— Do —
	10-Oct-18	Holiday
	11-Oct-18	Determination of Critical Path
	12-Oct-18	— Do —
	13-Oct-18	— Do —

Lesson Plan

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Name of the Assistant/ Associate Professor..... Nidhi Gay  
 Class and Section:..... M. Com (Final) Semester - 3  
 Subject:..... Quantitative Techniques for Business Decision

Week	Date	Topics
1	14- Oct -18	Sunday
	15- Oct -18	Class Test (PERT / CPM)
	16- Oct -18	Linear Programming: Introduction
	17- Oct -18	Assumption and Requirements of LP
	18- Oct -18	Holiday
	19- Oct -18	Advantages and Disadvantages of L.P.
	20- Oct -18	General Model of L.P. Programs
	21- Oct -18	Sunday
	2	22- Oct -18
23- Oct -18		Graphic Method of solution
24- Oct -18		Holiday
25- Oct -18		Simplex Method → Introduction
26- Oct -18		Basic terms in Simplex method
27- Oct -18		Computational Aspect of Simplex Method
28- Oct -18		Sunday
3		29- Oct -18
	30- Oct -18	— Do —
	31- Oct -18	Special Situation in Simplex Method
	1-Nov-18	Holiday
	2- Nov -18	— Do —
	3- Nov -18	Revision
	4- Nov -18	Sunday
	5- Nov -18	Revision.

Nidhi Gay