

Assignment
Sem-5
Minor-1
Operation Research-I
DSC-M-STA-354

	Unit-1 Introduction to Operation Research
Q-1	What is model? Discuss in detail the methodology operation research.
Q-2	Write short note on: “Techniques of OR”
Q-3	What are the phases of OR. Explain it in detail.
Q-4	Define OR and give its Uses and Limitation. Also its Characteristics.
	Unit-2 Linear Programming Problem
Q-1	Explain the following terms: a) Decision variable b) Objective of function c) Feasible solution d) Constraint
Q-2	Write down Mathematical formulation of LPP and Uses of LPP
Q-3	Examples (Illustrations): 4,5
	Unit-3 Transportation Problem
Q-1	Explain General transportation table and give its mathematical form.
Q-2	Examples (Illustrations): 2,5,7
	Unit-4 Assignment Problem
Q-1	Explain Hungarian method for solving Assignment problem.
Q-2	Examples (Illustrations): 2,3,5,6