

Trim: Sep – Nov 24								
Maximum Marks:25 Examination: ETE Exam Date:16/01/2025 Duratio	n: 90 mins							
Programme code: 01 Programme: MBA (Minor)	Class: SY	Semester/Trimester: V						
College: K. J. Somaiya Institute of Management	Name of the department/Section/Center:  OPERATIONS MANAGEMENT							
Course Code: 217P01M549	Name of the Course: SUPPLY CHAIN ANALYTICS							
Instructions:  Read the Questions properly and answer to the point  Excel sheet is not to be submitted. Hence present the answers clearly on the answer sheet.								

Question No.														Max. Marks
I	Consider a transprequirements are	•				on costs are	•			points is 3	0, 40 and 6	0 respectively	y and	10
	b) Solve the	20 y cost method problem using on solution of	g Excel sol	lver. State t		esent the solu						i.		
2	Annual demand Ordering cost (R Carrying cost (Rs.) Calculate the foll a) EOQ b) Number of ord c) Order quantition	(units) s.) owing for bothers placed in	th the items	25000 1000 20% 50		1000 1000 20% 75			items. The c	lata for the t	wo items are	e tabulated.		6
3	Consider a five c								ix.					6
4	Answer the following questions for a 'n' location Vehicle Routing problem (VRP)  a) Name of the heuristic approach.  b) Number of route combinations to calculate the savings matrix.									3				