IE402 Supply Chain Management

Homework Assignment 3

Due Date: 27.12.2011 at class time

Instructions: You can work in groups of two or three. Master’s students will work by themselves. Use a spreadsheet to facilitate the answers, but you have to construct the mathematical programming models (when required), explain your model and answers in the assignment.

You must submit a typed MSWord document. It must also be signed for anti-plagiarism. You must email your solver solutions in MSExcel format to alpertem@cankaya.edu.tr. Your homework will be considered as NOT submitted if you do not email the MSExcel Solver on or before the due date to the instructor. Homework Assignment 3 weights a total of 10 points in the overall grade. The first question is worth of 4 points and the second question (case study) is worth of 6 points.

Question 1 (4 points)

Solve Exercise 3 at the end of Chapter 13 from Chopra and Meindl (2010), textbook 2.

Question 2 (6 points)

Solve “Regional Expansion for Kazafekra” case study at the end of Chapter 5 from Chopra and Meindl (2010), textbook 2.