

**COE 444 - Internetwork Design and Management
Fall 2003 (Term 031)**

Homework 8

Date: Tuesday, November 11, 2003

Given a network with six nodes, labelled A to F, and characterized by the following cost matrix.

	A	B	C	D	E	F
A	-	30	20	40	40	40
B	30	-	25	10	40	40
C	20	25	-	20	15	40
D	40	10	20	-	30	25
E	40	40	15	30	-	20
F	40	40	40	25	20	-

Question: Find a minimum cost spanning tree using Kruskal's Algorithm.

Note: You should show all the steps.